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HANDBOOK
OF
MANUFACTURERS
IN AND ABOUT
SAN FRANCISCO
CALIFORNIA

A Guide for Exporters
Importers and Buyers

Showing the Articles Made in and
Around San Francisco and Who
Makes Them

Published by
The Merchants' Association of San Francisco
Merchants Exchange Building
San Francisco, Cal.
1910

PRESERVE THIS BOOK FOR REFERENCE.

This book is designed to give information as to what articles are manufactured in San Francisco and its adjacent territory with the names of the manufacturers.

Please preserve it for reference in case you or your friends should at any time desire the above information.

If any orders are given from this list, please mention this Hand Book when ordering.

THE MERCHANTS' ASSOCIATION OF SAN FRANCISCO.

HOW TO PROCURE THIS BOOK

Every member of the Merchants' Association and every manufacturer listed will be furnished with one copy of this book free of cost.

Extra copies can be procured by members and listed manufacturers at the rate of fifteen cents per copy upon application to the Association's office, 1233 Merchants Exchange Building, San Francisco.

Single copies twenty-five cents each to persons or firms not members of the Merchants' Association and fifteen cents for each additional copy.

NOTE.

Any manufacturer within the prescribed district whose name may have been omitted is requested to fill out the following blank and send it to the Merchants' Association, 1233 Merchants Exchange Building, San Francisco.

Name of firm:

Address of Main Office:

Location of Works:

Itemized list of different kinds of goods made:

(If more space is required, write on opposite side of this sheet.)

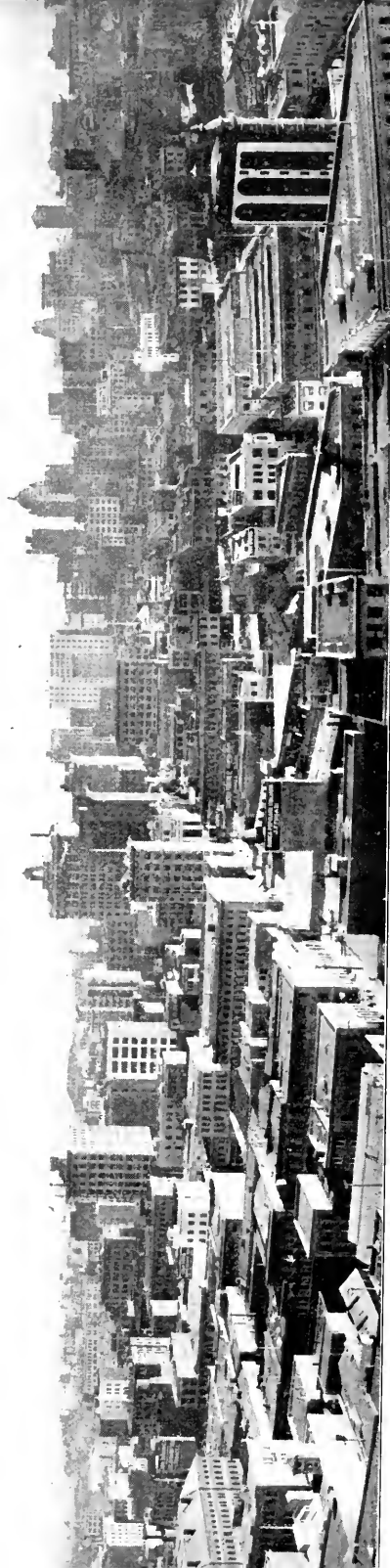
H A N D B O O K
OF
M A N U F A C T U R E R S
IN AND ABOUT
S A N F R A N C I S C O

A List of Articles Manufactured
in San Francisco and the Adjacent
Territory with the Names and
Addresses of the Firms Making
Each Class of Goods

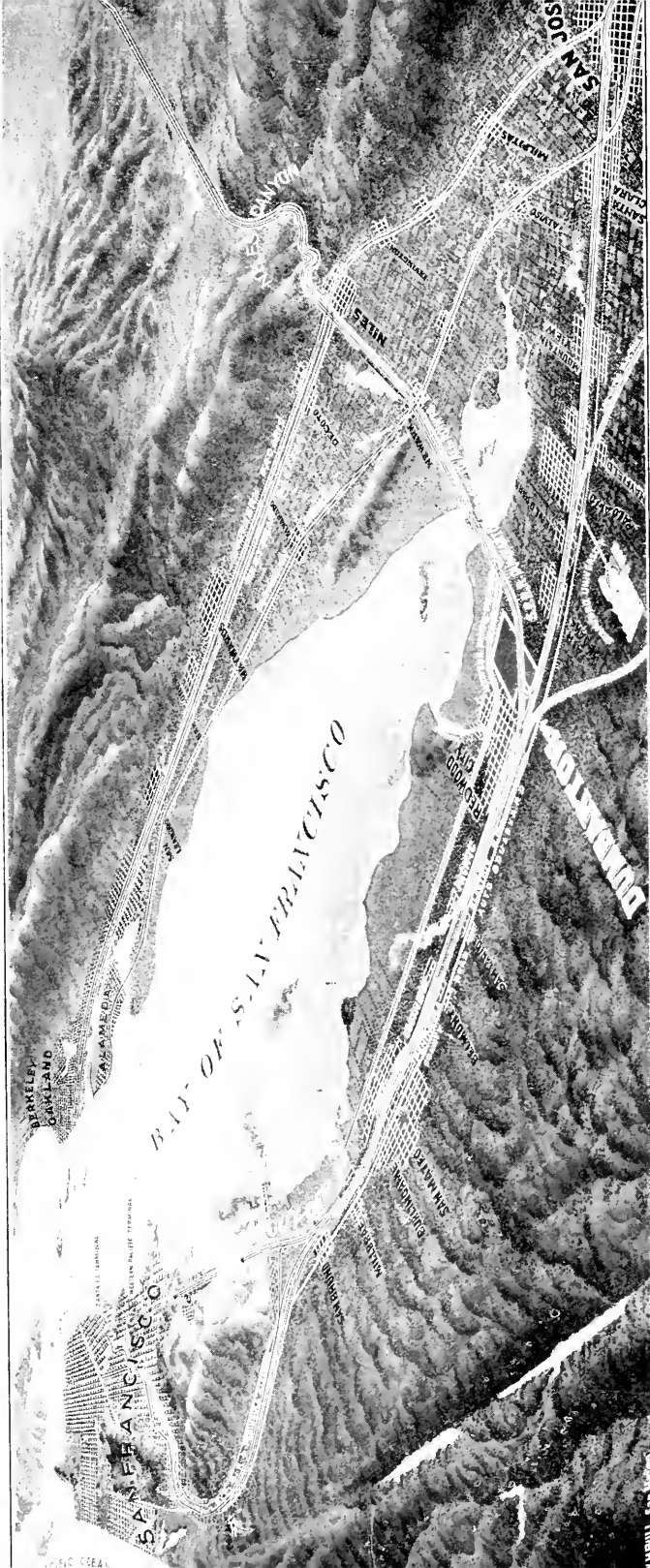
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San Francisco, Cal.

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L. M. KING,
Secretary The Merchants' Association
of San Francisco.

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THE HEART OF SAN FRANCISCO'S OFFICE BUILDING AND RETAIL DISTRICT. REBUILT WITHIN FOUR YEARS
AFTER BEING DESTROYED BY FIRE

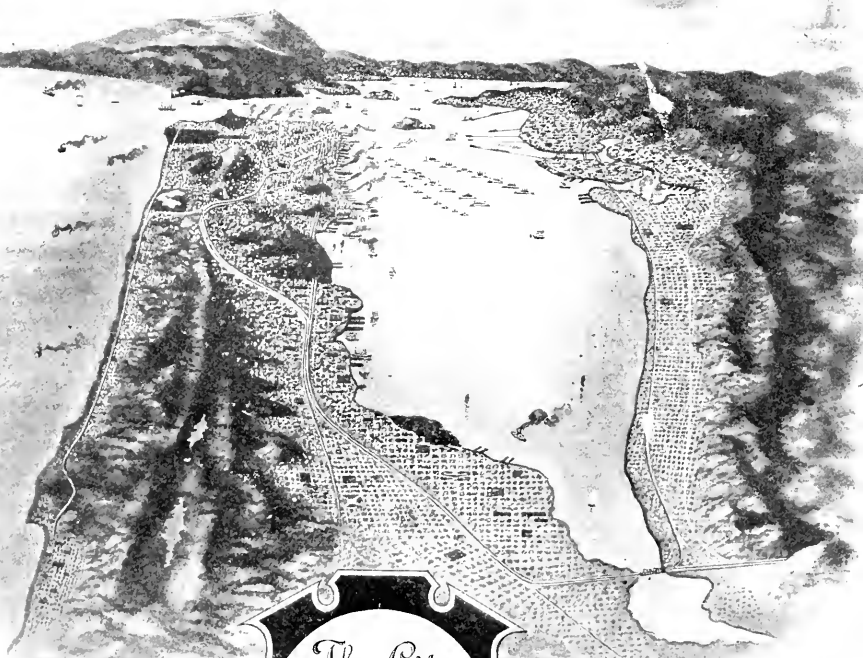


THE BAY BASIN AND THE GREATER SAN FRANCISCO

This bird's-eye view of the basin of San Francisco Bay shows the relation of recent railway development to the topography of the region. The Dumbarton Bridge, at the lower end of the bay will make San Francisco, practically speaking, a mainland city. It will obviate the necessity of ferrying cars at Benicia or across the bay from the Oakland side. Overland trains of the Southern Pacific, the Western Pacific and possibly in time the Santa Fe, will run direct into San Francisco.

This picture embraces most of the territory which it is planned to consolidate into a Greater San Francisco. The northern limit of the proposed city would include San Rafael, which does not show here, and the southern boundary would run about east and west just south of the Dumbarton bridge, leaving out San Jose, but taking in some of San Francisco's rapidly growing new suburbs.

GREATER SAN FRANCISCO



The City
that is
to be

INTRODUCTION

The Merchants' Association of San Francisco has had prepared this "Handbook of Manufacturers in and about San Francisco" for the purpose of:

(a) Showing the great number of articles made in San Francisco and in the vicinity, as an evidence of the amount of manufacturing done here and of its desirability as a location for industrial plants; and

(b) Informing those desiring to procure certain articles, whether the same are made here, and if so, by whom.

This Handbook is designed to fill a long felt need for a complete list of manufacturers and their products. Every effort has been made to have the list complete both by personal canvass and by written communications addressed to the commercial organizations within the district and to individual manufacturers wherever known. The names of some manufacturers have undoubtedly been omitted, either through failure on their part to furnish the information asked or through some other cause. If any manufacturer so omitted will furnish his name, head office address and location of factory, together with a list of articles actually manufactured, his name will be included in all subsequent editions of this Handbook, and meanwhile will be published in the Merchants' Association "Review," kept on file in this office.

Considerable difficulty has been experienced in deciding what constitutes a manufacturer. In drawing the line the rule adopted by the United States Census Bureau has been followed as far as possible. Any error made in this respect, if discovered, will be corrected in subsequent editions.

The district covered in this book comprises the territory fronting on San Francisco, San Pablo and Suisun bays and immediately adjacent thereto. A few firms whose main offices and headquarters are located in San Francisco, but whose factories are in more distant parts of the State of California, have been included.

H. W. POSTLETHWAITE, Chairman.

E. D. BULLARD,

J. B. LEVISON,

*Committee on Promotion of Trade, The Merchants'
Association of San Francisco.*

THE MERCHANTS' ASSOCIATION OF SAN FRANCISCO

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SUMMARY

Number of articles listed made in San Francisco.....	747
Number of articles listed not made in San Francisco.....	99
Total	<hr/> 846

Number of manufacturing firms listed in—

San Francisco	1003
South San Francisco	5
San Mateo County (exclusive of South San Francisco)	9
Oakland	221
Alameda	14
Berkeley	20
Alameda County (exclusive of Oakland, Alameda and Berkeley)	16
Richmond	12
Contra Costa County (exclusive of Richmond)	19
Benicia	8
Vallejo	11
Marin County	7
Outside of district, but with main offices in San Francisco.....	<hr/> 53

Total number of manufacturing concerns.....	<hr/> 1398
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Seventy per cent of the factories located outside of San Francisco, except those in Oakland, have their offices in San Francisco. Including Oakland, 41 per cent have offices in San Francisco.

Articles and Firm Names

LIST OF ARTICLES MANUFACTURED IN AND ABOUT SAN FRANCISCO.

With the names and addresses of the various firms that make the same.

Note: In all cases where the main office and factory are both located in the same city, but at different points, the address of the main office only is given.

ACETYLENE GAS GENERATORS

Pacific Sheet Metal Works, 308 Seventh St., S. F.

ACID PLANT EQUIPMENT

Pacific Foundry Co., Eighteenth and Harrison Sts., S. F.

ACID WARES

Carnegie Brick and Pottery Co., foot of Madison St., Adams Wharf,
Oakland. Works, Tesla, Alameda Co.

Steiger Terra Cotta & Pottery Works, Mills Bldg., S. F.
Works, South S. F.

ACIDS (See Chemicals)

ADVERTISING NOVELTIES

Moise-Klinker Co., 1212 Market St., S. F.

AGRICULTURAL IMPLEMENTS (See Farming Implements)

AIR COMPRESSORS

Compressed Air Machinery Co., The, Stevenson and Ecker Sts., S. F.

Belt, steam, or driven by water-wheel.

Dow Pumping Engine Co., Geo. E., 179 First St., S. F.

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. Works, Sunnyvale,
Santa Clara Co.

Johnson Co., S. T., 1334 Mission St., S. F. Rotary and piston types for
oil burning.

Risdon Iron & Locomotive Works, The, Steuart and Folsom Sts., S. F.
Steam or electric.

Rix Compressed Air & Drill Co., 371 Market St., S. F. Air and gas com-
pressors, unloaders for compressors.

Roberts, L. V., Machine Works, 49 Clementina St., S. F.

Witt, G. E., Co., Inc., 850 Howard St., S. F.

AIR RECEIVERS

Compressed Air Machinery Co., The, Stevenson and Ecker Sts., S. F.

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works,** Sunnyvale,
Santa Clara Co.

Pacific Coast Boiler Works, 235 Main St., S. F.

Reuter Bros., Boiler and Sheet Metal Works, 41 West Eldorado St., S. F.

ALCOHOL

Crown Distilleries Co., 29 Minna St., S. F.

ALE

Albion Ale & Porter Works, 494 O'Farrell St., S. F. Ale and porter.

Red Lion Ale & Porter Brewing Co., Geary and Baker Sts., S. F.

AMALGAMATORS

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works,** Sunnyvale,
Santa Clara Co.

AMMONIA

California Ammonia Works, 617 Seventh St., S. F. **Works,** Bay Shore,
San Mateo County.

Cluff, William, Company, Spear and Mission Sts., S. F.

Pacific Bone Coal and Fertilizing Co., 617 Seventh St., S. F. **Works,** San
Mateo. Aqua and sulphate ammonia.

Roberts, I. V., 360 Eleventh St., Oakland.

Tillmann & Bendel, Pine and Davis Sts., S. F.

ANÆSTHETICS

Edwards, The James W., Co., 323 Geary St., S. F. "Peritundo," a dental
anæsthetic.

ANTIQUE METAL WORK

Art Metal Works, 67 Clementina St., S. F.

APPLE GRADERS

Toulouse & Delorieux Co., 489 Eighth St., S. F.

APRONS (Cloth)

Easton, D. A., & Co., 117 Grant Ave., S. F.

Eloesser-Heynemann Co., 77 Battery St., S. F. **Factories,** San Francisco
and Petaluma.

Fleischman, M. R., & Co., 124 Pine St., S. F.

Neustadter Bros., 461 Mission St., S. F.

Rogerson, J. C., 1017 Valencia St., S. F.

Sun Tent and Awning Co., 52 Washington St., S. F. Dash aprons.

ARCHITECTURAL IRON (See Iron and Grille Work)

ARMORED CRUISERS (See Ship Building)

ART GLASS (See Glass)

ART GOODS

Fraser Wire and Stamping Co., 115 Natoma St., S. F. Stamped, tinted and embroidered goods.

Nicoll & Co., 1849 Devisadero St., S. F. Valentines, Easter goods, holiday goods and art novelties.

ARTIFICIAL FLOWERS

American Flower Works, 324 Hayes St., S. F. Artificial flowers, leaves, vines, plants, preserved palms, paper flowers, dyed moss, grass, etc.

ARTIFICIAL LIMBS

Dickson Bull Co., Inc., 608 Telegraph Ave., Oakland. Artificial limbs, extensions, and braces.

Chicago Artificial Limb Co., 883 Market St., S. F.

ARTIFICIAL STONE

Oakland Concrete Terrazzo and Mosaic Co., Inc., 1617 Market St., Oakland.

ART LEATHER GOODS (See Leather Goods)

ART NEEDLE WORK (See Embroideries)

ASBESTOS

Asbestos Mfg. and Supply Co., 15 Fremont St., S. F. Brake band linings, table covers, mats, and iron holders, textiles, curtains, gloves, stove linings, refrigerator and cold storage insulation, building materials.

Magnesia Asbestos and Supply Co., 157 Spear St., S. F.

ASH CANS (See Cans; also see Tanks)**ASPHALTUM**

Monarch Oil Refining Co., 90 Clay St., S. F.

Union Oil Company of California, Mills Bldg., S. F. Works, Oleum,
Contra Costa Co.

ATHLETIC CLOTHING GOODS

Acme Knitting Co., Inc., 115 Natoma St., S. F.

Pfister, J. J., Knitting Co., 739 Market St., S. F. Factory, West Berkeley.

AUTO DELIVERY WAGONS

Hampton, W. E., Standard Tool and Machine Works, 1429 Mission St.,
S. F.

AUTOGENOUS WELDING

Eureka Electric and Eng. Co., Inc., 158 Fifth St., S. F.

AUTOMOBILE ACCESSORIES

American Ever Ready Co., 755 Folsom St., S. F.

Larkins & Co., 276 Guerrero St., S. F. Baggage racks, tire holders, slip
covers, wind shields, tool boxes.

AUTOMOBILE BODIES

Larkins & Co., 276 Guerrero St., S. F.

Sohst Carriage Co., Eighth and Franklin Sts., Oakland.

Studebaker Bros. of California, Fremont and Mission Sts., S. F.

Western Automobile Mfg. Co., 137 Hayes St., S. F.

AUTOMOBILE CLOCKS

Weule, Louis, Co., 106 Steuart St., S. F.

AUTOMOBILE PARTS

Independent Electrical Construction Co., 381 Fulton St., S. F.

Thompson Carriage Mfg. Co., 3011 Mission St., S. F.

AUTOMOBILE SLIP LININGS

Plummer, W. A., Mfg. Co., 37 Front St., S. F.

Studebaker Bros. of California, Fremont and Mission Sts., S. F.

Western Automobile Mfg. Co., 137 Hayes St., S. F.

AUTOMOBILE TOPS

Auto Top Mfg. Co., 491 Golden Gate Ave., S. F.
Chanslor & Lyon Motor Supply Co., 501 Golden Gate Ave., S. F.
Larkins & Co., 276 Guerrero St., S. F.
Pacific Coast Automobile Top Co., 59 Twelfth St., Oakland.
Plummer, W. A., Mfg. Co., 37 Front St., S. F.
Renstrom Co., Frank O., 424 Stanyan St., S. F.
Studebaker Bros. Co. of California, Fremont and Mission St., S. F.
Western Automobile Mfg. Co., 137 Hayes St., S. F.
White-Wallace Co., 1252 Webster St., Oakland.

AUTOMOBILE WHEELS

Studebaker Bros. of California, Fremont and Mission Sts., S. F.
Waterhouse & Lester Co., 534 Howard St., S. F. **Factory**, Oakland.

AWNINGS

Dahl-Thoms Awning Co., 573 Eighth St., Oakland.
Haviside, Withers & Davis, 34 Steuart St., S. F.
Plummer, W. A., Mfg. Co., 37 Front St., S. F.
Simpson & Fisher, Inc., 118 Howard St., S. F.
Sun Tent and Awning Co., 52 Washington St., S. F.
Thoms Awning Co., 1209 Mission St., S. F. Awnings, awning fittings and appliances.
Weeks-Howe-Emerson Co., 268 Market St., S. F.
White Wallace Co., Inc., 1252 Webster St., Oakland.

AWNING APPLIANCES AND FITTINGS

Thoms Awning Co., Inc., 1209 Mission St., S. F.

AXLE GREASE

California Ink Co., 33 Clementina St., S. F. **Factory**, West Berkeley.
Standard Oil Co., 461 Market St., S. F. **Works**, Richmond.
Whittier-Coburn Co., 301 Howard St., S. F.
X. L. O. Grease Co., 1207 Twentieth Ave., So. S. F.

BABY CARRIAGES

Alameda Wicker Works, 1526 Park St., Alameda. **Wicker**.
Coulter's Rattan Works, 1141 Sutter St., S. F.
Kurtz, N. M., Co., 919 McAllister St., S. F.
Oakland Rattan Works, Twenty-eighth St. and San Pablo Ave., Oakland.
Pacific Coast Rattan Co., Market St. and Marshall Square, S. F.

BACON (See Packing House Products)**BADGES, MEDALS AND EMBLEMS**

Brunt, Walter N., 860 Mission St., S. F. Ribbon badges, silk and satin banners, regalia, robes, fraternal aprons and paraphernalia.

Moise-Klinkner Co., 1217 Market St., S. F.

Pasquale, B., Co., 115 Post St., S. F.

Patrick & Co., 560 Market St., S. F.

Sorensen Co., 715 Market St., S. F.

Tully Rubber Stamp Works, 18 Main St., S. F.

BAGS—COTTON AND BURLAP

Ames-Harris-Neville Co., 607 Front St., S. F. Jute and cotton.

Bemis Bros. Bag Co., Sansome and Vallejo Sts., S. F. Bags of all kinds; ham and bacon slips.

Dahl-Thoms Awning Co., 573 Eighth St., Oakland.

Lazansky, B., Bag Co., 402 Battery St., S. F. Burlap, cotton, twill and duck.

Nossen, J., 68 Clay St., S. F. Grain, coffee, sugar, bean, sleeping, and water bags.

Plummer, W. A., Mfg. Co., 37 Front St., S. F. Cotton, duck and burlap.

Prior, John L., Co., 114 Main St., S. F.

Sun Tent and Awning Co., 52 Washington St., S. F. Feed and ore bags, coin sacks.

White-Wallace Co., 1252 Webster St., Oakland. Canvas.

BAGS—LEATHER (See Trunks)**BAGS—PAPER**

California Bag and Paper Co., Inc., First National Bank Bldg., Oakland. Factory, Emeryville.

Zellerbach Paper Co., 534 Battery St., S. F.

BAKERS' AND CONFECTIONERS' SPECIALTIES

Getz, M., & Co., 135 Main St., S. F.

BAKING POWDER

Cluff, William Company, Spear and Mission Sts., S. F.

Folger, J. A., & Co., Howard and Spear Sts., S. F.

Getz, M., & Co., 135 Main St., S. F.

Hills Bros., 175 Fremont St., S. F.

Ralph, I. V., & Co., Inc., 360 Eleventh St., Oakland.

Schilling, A., & Co., Second and Folsom Sts., S. F.

Seal Rock Coffee and Spice Mill, 359 Second St., Oakland.

Thierbach, Chas. F., Co., 431 Battery St., S. F.

Tillmann & Bendel, Pine and Davis Sts., S. F.

BALL BEARINGS

Reed Electrical Laboratories, 370 Golden Gate Ave., S. F. Factory,
Mayfield.

BAND SAWS (See Saws)

BANK FIXTURES (See Fixtures)

BAR FIXTURES (See Fixtures)

BAR IRON AND STEEL

Judson Manufacturing Co., 819 Folsom St., S. F. Factory, foot of Park
Ave., Oakland.

BARLEY BEARDERS

Parsons & Blackmon Machine Co., 311 Harriet St., S. F.

Wagner, Joseph, Manufacturing Co., 165 Beale St., S. F.

BARRELS, DRUMS AND KEGS

Bucking, D., & Son, 658 Bryant St., S. F. Lager and steam beer barrels
and kegs.

California Barrel Co., Monadnock Bldg., S. F.

Carl Cooperage Co., 52 Boardman St., S. F.

Doak Sheet Steel Co., Eighth and Irwin Sts., S. F. Corrugated bar.

Gang, J. C., 718 Montgomery St., S. F. Barrels and casks.

Herbert, Vogel & Mark Co., Inc., 367 Seventh St., S. F.

Hogan & Co., 326 Twelfth St., S. F. All kinds of barrels and half barrels.

Pacific Basket and Barrel Co., 679 Bryant St., S. F. Coffee drums and
barrels.

Petzold, August, & Co., 601 Davis St., S. F.

Ray, W. S., Manufacturing Co., 26 Steuart St., S. F.

Weston Basket and Barrel Co., Third and Berry Sts., S. F.

Woerner, David, Cooperage Co., Fourteenth and Harrison Sts., S. F.

BASKETS

Alameda Wicker Works, 1526 Park St., Alameda. Wicker baskets.

Ayscough, Wm. H., 3274 Twenty-fourth St., S. F. Rattan and willow.

Coulter's Rattan Works, 1141 Sutter St., S. F. Rattan.

Hughes, L. D., 240 Scott St., S. F.

Kenyon, S. T., 318 Duncan St., S. F. Navy coaling baskets, bushel baskets, etc.

Kurtz, N. M., Co., 919 McAllister St., S. F.

Pacific Basket and Barrel Co., 679 Bryant St., S. F. Fruit and berry baskets.

Pacific Coast Rattan Co., Market St. and Marshall Square, S. F. **Factory**, Eighth and Clay Sts., Oakland.

West Coast Wire and Iron Works, 748 Folsom St., S. F. Wire grape dipping and prune dipping baskets.

Weston Basket and Barrel Co., Third and Berry Sts., S. F. Grape, berry, peach, and all other kinds of fruit shipping baskets.

BATH TUBS—INFANTS

Mamlar, N., 232 Perry St., S. F. Galvanized and tin infant's bath tubs, japanned.

BATTLE SHIPS (See Ship Building)

BEDS

Bernhard Mattress Co., 793 Mission St., S. F. Iron Beds.

Cleese, John P., Co., Inc., Eighteenth and York Sts., S. F. Clipper.

Continental Bedding and Manufacturing Co., 1636 Bryant St., S. F. Iron and brass.

Hoey, John, & Co., Rhode Island and Alameda Sts., S. F. Institution iron beds.

Klopstock Bros., 3320 Eighteenth St., S. F. Iron beds.

Merle, A., Co., Bay and Stockton Sts., S. F. Iron Beds.

Pacific Spring Bed Co., West Berkeley. All steel spring beds.

Rudgear-Merle Co., 192 Bay St., S. F. Brass and iron beds.

BEER

Acme Brewing Co., Greenwich and Sansome Sts., S. F.

Anchor Brewing Co., Eighteenth and Hampshire Sts., S. F.

Anchor Brewery, Shattuck Ave. and Forty-ninth St., Oakland. Steam beer.

Benicia Brewery, Benicia.

- Broadway Brewing Co.**, Nineteenth St. and Treat Ave., S. F. Steam beer.
- Brooklyn Brewery**, East Fourteenth St. and Eighteenth Ave., Oakland. Steam beer.
- Eagle Brewing Co.**, 2213 Harrison St., S. F.
- Enterprise Brewing Co.**, Folsom and Enterprise Sts., S. F.
- Hibernia Brewery**, 1241 Howard St., S. F.
- North Star Brewing Co.**, 3314 Army St., S. F. Steam beer.
- Oakland Brewing and Malting Co.**, Twenty-sixth and Chestnut Sts., Oakland.
- Palace Brewery**, 531 Central Ave., Alameda.
- Palmtag & Heyer Brewing and Malting Co.**, Haywards.
- Philadelphia Brewery**, South Vallejo.
- Richmond Brewing and Malting Co.**, Richmond.
- San Francisco Breweries, Ltd., The**, 240 Second St., S. F.
- Union Brewing and Malting Co.**, Eighteenth and Florida Sts., S. F.
- Washington Brewing and Malting Co.**, Fifth and Kirkham Sts., Oakland.
- Wieland, John, Brewery**, 240 Second St., S. F.
- Wreden, Claus, Brewing Co.**, Lombard and Taylor Sts., S. F. Lager and steam beer.
- Wunder Brewing Co.**, Scott and Lombard Sts., S. F. Lager and steam beer.

BELLOWS

- California Bellows Works, The**, 416 Harriet St., S. F.

BELLS AND GONGS

- DeLano Bros.**, 70 Spear St., S. F. Steamboat gongs and jingle bells, gong sounders, bell poles, angles, pulleys.
- Garratt & Co., W. T.**, 138 Fremont St., S. F.
- San Francisco Elevator Co.**, 256 Spear St., S. F. Electric fog bells, signals.

BELT CEMENT

- Cook, H. N., Belting Co.**, 317 Howard St., S. F.

BELT DRESSING

- Bowers Rubber Works**, 68 Sacramento St., S. F. **Factory**, Black Diamond.
- California Belting and Supply Co.**, 1425 Mission St., S. F.
- Cook, N. H., Belting Co.**, 317 Howard St., S. F.
- Pickthall, M.**, 220 Fremont St., S. F.
- Whittier-Coburn Co.**, 301 Howard St., S. F.

BELTING

American Rubber Manufacturing Co., 112 Market St., S. F. Factory, Emeryville. Rubber belting.

California Belting and Supply Co., 1425 Mission St., S. F. Leather belting.

Cook, H. N., Belting Co., 317 Howard St., S. F. Leather.

Degen, L. P., Belting Co., 258 Mission St., S. F. Leather.

Dollars Rubber Works, 68 Sacramento St., S. F. Factory, Black Diamond.

Goodyear Rubber Co., 587 Market St., S. F. Rubber.

Graton & Knight Mfg. Co., 30 Fremont St., S. F. Leather.

Heins, Alex., Belting Co., 2413 Harrison St., S. F.

Kelly-Linehan Belting Co., 2192 Folsom St., S. F. Leather and water-proof belting.

BELT LACING

Cook, H. N., Belting Co., 317 Howard St., S. F. Rawhide lacing.

Kelly-Linehan Belting Co., 2192 Folsom St., S. F.

BENCH CLAMPS

Beal & Royles Machine Works, 707 Franklin St., Oakland.

BENZINE (See Oils)**BICYCLES—TO ORDER**

Bean Son Co., The, Fifth and Cypress Sts., Oakland.

BICYCLE CARRIERS

Oakland Wire Works, 1008 Franklin St., Oakland.

Reed Electric Laboratories, 370 Golden Gate Ave., S. F. Factory, Mayfield, Cal.

BILLIARD TABLES (See Tables)**BIRD SEED AND BIRD GRAVEL**

Cluff, William, Company, Spear and Mission Sts., S. F.

BITUMEN PLANTS AND CONVEYORS

Schneider, A. Engineering Works, 1414 Fifteenth St., S. F.

BLACKING—SHOE (See Shoe Dressings)

BLANK BOOKS

Durnham, Henry D., Co., 360 Tenth St., Oakland.
Hicks-Judd Co., The, 270 Valencia St., S. F.
Neal Publishing Co., 66 Fremont St., S. F.
Stanley-Taylor Co., The, 554 Bryant St., S. F.
Union Lithograph Co., The, 741 Harrison St., S. F.
Upham, Isaac, Co., 104 Battery St., S. F.

BLINDS

Union Blind and Ladder Co., 2243 Peralta St., Oakland. Patent sliding blinds.

BLOWER SYSTEMS (See Machinery, Miscellaneous)**BLOW PIPES**

Pacific Blower and Heating Co., 3261 Seventeenth St., S. F. Blow pipe work.
Rees Blow Pipe Manufacturing Co., 340 Seventh St., S. F.
Roth, A. N., Mfg. Co., 1175 Mission St., S. F.

BLUING.

California Ammonia Works, 617 Seventh St., S. F. Factory, Bay Shore, San Mateo Co.
Cluff, William, Company, Spear and Mission Sts., S. F.
Consolidated Chemical Co., 612 Turk St., S. F.
Lucy, G. R., & Co., 100 San Bruno Ave., S. F.
Tillmann & Bendel, Pine and Davis Sts., S. F.

BLUE PRINT PAPER

Eugene Dietzgen, 18 First St., S. F. Coat blue print paper.

BLUE PRINTS (Cloth and Paper)

Bosqui, Mary Woolrich, Alaska Commercial Bldg., S. F.
California Blue Print Co., 142 Sansome St., S. F.
Craig & Mosher, 2245 Post St., S. F.
Crescent Blue Printing Co., 612 O'Farrell St., S. F.
Denny, Edward, & Co., 1132 Shotwell St., S. F.
Deitzgen, Eugene, 18 First St., S. F.
Electric Blue Print Co., 328 Montgomery St., S. F.
Hoffman, Alice C., 604 Mission St., S. F.

Lafontaine, J. R., 243 Minna St., S. F.
Pacific Coast Blue Print Co., Monadnock Bldg., S. F.
Post Co., The Frederick, 135 Second St., S. F.
Potts, Emerson J., 933 Valencia St., S. F.
San Francisco Blue Print Co., 709 Valencia St., S. F.
Standard Blue Print Co., Phelan Bldg., S. F.

BOATS (See Ship Building)

BOILER COMPOUND

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. Works, Sunnyvale,
Santa Clara Co.
Pickthall, M., 220 Fremont St., S. F.

BOILER FRONTS

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. Works, Sunnyvale,
Santa Clara Co.
McCormick Bros. Iron Works, Main and Folsom Sts., S. F.

BOILER PLATES

John Finn Metal Works, 384 Second St., S. F. Cast zinc boiler plates.

BOILERS

Bay City Iron Works, 1243 Harrison St., S. F.
Berkeley Iron Works, West Berkeley, Cal.
California Boiler Works, 125 Fremont St., S. F.
Dundon's Iron Works, 225 Folsom St., S. F. Marine and stationary
boilers.
East Side Boiler Works, 490 Second St., Oakland.
Eureka Boiler Works Co., 57 Mission St., S. F.
Hart Heater Co., The, 525 Seventh St., Oakland.
Hendy, Joshua, Iron Works, 75 Fremont St., S. F. Works, Sunnyvale,
Santa Clara Co. Steam, upright, horizontal, tubular.
Iron and Steel Contracting Co., The, 217 San Bruno Ave., S. F. Up-
right, horizontal tubular.
Keystone Boiler Works, Main and Folsom Sts., S. F. Marine, steam,
stationary, locomotive, vertical, water tube.
McMaster, D. J., Machinery Co., 1114 Folsom St., S. F.
Moynihan, T. J., 401 Folsom St., S. F.
Moore & Scott Iron Works, Main and Howard Sts., S. F.
Ocean Shore Iron Works, 550 Eighth St., S. F.

Pacific Coast Boiler Works, 235 Main St., S. F.

Pioneer Press and Iron Works, Inc., 980 Natoma St., S. F. Steam and hot water boilers.

Risdon Iron and Locomotive Works, The, First and Market Sts., S. F.
Risdon water tube, Scotch marine, return tubular, and marine donkey boilers.

Reuter Bros. Boiler and Sheet Metal Works, 41 West Eldorado St., S. F.

Shields, Thomas, Sheet Metal Works, 571 Mission St., S. F.

Smith, C. W., Cooper Works, 18 Washington St., S. F. Copper boilers.

Union Iron Works Co., Twentieth and Michigan Sts., S. F. Scotch and water tube.

United Engineering Works, 224 Spear St., S. F. Marine.

BOLTS

Benicia Iron Works, Pacific Bldg., S. F. **Factory**, Benicia.

Brunig's Machine Works, 516 Brannan St., S. F.

Judson Manufacturing Co., 819 Folsom St., S. F. **Factory**, Oakland.

Pacific Rolling Mill Co., Seventeenth and Mississippi Sts., S. F.

Payne's Bolt Works, 135 Howard St., S. F. Machine, carriage, bridge and wharf bolts, turnbuckles and special bolts.

Union Iron Works Co., Twentieth and Michigan Sts., S. F.

BOOKBINDING

Britton & Rey, 522 Sacramento St., S. F.

Brown & Power, 327 California St., S. F.

California Lithograph Co., 509 Sansome St., S. F.

Carlisle, A., & Co., 251 Bush St., S. F.

Crocker, H. S., Co., 230 Brannan St., S. F.

Durham Co., Henry D., 360 Tenth St., Oakland.

Freygang Printing Co., 1322 Howard St., S. F.

Gilmartin Co., Stevenson and First Sts., S. F.

Hicks-Judd Co., The, 270 Valencia St., S. F.

Kitchen, Jr., Co., John, 67 First St., S. F.

Levison Printing Co., 1532 California St., S. F.

Malloye Co., F., 261 Bush St., S. F.

McBride Ledger Manufacturing Co., 338 Pine St., S. F.

Mitchell Co., John J., 52 Second St., S. F.

Murdock & Co., C. A., 68 Fremont St., S. F.

Myssell-Rollins Bank Note Co., The, 82 Clay St., S. F.

Payot, Stratford & Kerr, 62 Fremont St., S. F.

Phillips Co., Wm. R., 712 Sansome St., S. F.
Upham, Isaac, Co., 104 Battery St., S. F.
Upton Bros. & Delzelle, Inc., 144 Second St., S. F.
Verleger & Guscetti, Front and Jackson Sts., S. F.

BOOKS

Barry Co., James H., 1122 Mission St., S. F.
Cooper Fly Book Co., 20 Montgomery St., S. F. Books for holding trout flies.
Elder, Paul, & Co., 239 Grant Ave., S. F.
Hicks-Judd Co., 270 Valencia St., S. F. Blank and law books.
Levison Printing Co., 1532 California St., S. F. Shipping receipts and buy orders.
McBride Ledger Manufacturing Co., 338 Pine St., S. F. Loose leaf ledgers and binders, duplicating sales books, manifold order books, carbon copy billing system.
Murdock & Co., C. A., 68 Fremont St., S. F.
Neal Publishing Co., 66 Fremont St., S. F.
Pacific Manifold Book Co., Emeryville. Duplicating, and triplicating sales check books.
Stanley-Taylor Co., The, 554 Bryant St., S. F.

BOOTS AND SHOES

Buckingham & Hecht, Second and Mission Sts., S. F.
Cahn, Nickelsburg & Co., 557 Bush St., S. F. **Factory**, Twelfth and Brush Sts., Oakland.
Dominion & Co., 935 Stockton St., S. F.
Grubb Co., R. P., 155 Second St., S. F. Horse boots.
Kutz Shoe Co., G. M., Eighteenth and Bryant Sts., S. F.
Nolan-Earl Shoe Co., 727 Mission St., S. F. **Factory**, Petaluma. Men's and boy's mining and high top boots and shoes. Welt shoes.
United Workingmen's Boot and Shoe Mfg. Co., 156 Second St., S. F.

BORAX

Pacific Coast Borax Co., Albany Block, Oakland. **Factory**, Alameda Point, Alameda.

BOTTLE RINSERS

Illinois-Pacific Glass Co., Fifteenth and Folsom Sts., S. F.

BOTTLES

Illinois-Pacific Glass Co., Fifteenth and Folsom Sts., S. F. Demi-johns and carboys.

Pacific Coast Glass Co., Seventh and Irwin Sts., S. F. Beer, wine, soda, mineral water bottles, demi-johns, carboys, water, enameled, decorated, bar bottles, acid and druggists.

BOTTLE WORKS PRODUCTS

Illinois-Pacific Glass Co., Fifteenth and Folsom Sts., S. F.

BOWLING ALLEYS

Haas Woodworking Co., 91 Minna St., S. F.

BOXES—PAPER

California Paper Box Co., 3171 Seventeenth St., S. F. Folding paper boxes.

Enterprise Paper Box Co., 264 Seventh St., S. F. Pasteboard and wooden stock boxes.

Fleishhacker, A., & Co., 134 Fremont St., S. F.

Freygang Printing Co., 1322 Howard St., S. F. Folding paper boxes.

Hyman Bros. Box and Label Co., 33 Clementina St., S. F. Folding and pill boxes.

Illinois-Pacific Glass Co., Fifteenth and Folsom Sts., S. F.

Mailing Case Mfg. Co., 264 Natoma St., S. F. Round boxes and paper

Olsen, O. E., Lithograph Co., 330 Jackson St., S. F.

Pacific Folding Box Factory, 718 Mission St., S. F. Paper boxes.

Raisin & Zaruba, 974 Howard St., S. F. Candy paper boxes.
cases.

San Francisco Paper Box Co., 33 Main St., S. F.

Simpson Mfg. Co., R. A., Forty-fourth and Market Sts., Oakland. Paper butter molds and butter boxes.

Thiebaut Bros., 861 Folsom St., S. F.

Union Paper Box Factory, 718 Mission St., S. F.

Western Paper Box Co., 316 Bush St., S. F. **Factory**, Fifth and Adeline Sts., Oakland.

BOXES—WOODEN

California Pine Box and Lumber Co., Flood Bldg., S. F. **Factory**, Truckee and Loyalton.

Corbel Box Factory, 2014 Bryant St., S. F. Cigar boxes and small packing boxes.

Eagle Box Factory, 611 Market St., Oakland.

Enterprise Paper Box Co., 264 Seventh St., S. F.

Mercantile Box Factory, 231 Berry St., S. F.

Muhs, & Lochbaum, 1406 Sacramento St., S. F. Velvet, silk and leather jewelers' boxes.

Oakland Box Factory, Fifth and Oak Sts., Oakland.

Pacific Basket and Barrel Co., 679 Bryant St., S. F.

Pacific Box Factory, Clay and Front Sts., S. F.

Standard Box Co., 488 Beale St., S. F. Wooden boxes and wood shooks.

Thiebaut Bros., 861 Folsom St., S. F.

BOXES—JEWELERS'

Muhs & Lochbaum, 114 Kearny St., S. F. Velvet, silk and leather jewelers' boxes.

BOX PRINTING MACHINES

Clot & Crist Machine Co., 940 Bryant St., S. F.

BRACES (See Trusses, etc.)

BRAN (See Feeds)

BRANDY

Arnold & Co., Inc., B., Townsend and Stanford Sts., S. F. Winery, Rutherford, Napa County, and Stockton.

Gundlach-Bundschu Wine Co., Inc., 20 California St., S. F. Winery, Sonoma.

Italian-Swiss Colony, Battery and Greenwich Sts., S. F. Wineries, Asti, Madera, Cloverdale, Lemoore, Sebastopol, Fulton, Kingsburg.

Napa and Sonoma Wine Co., 112 Tenth St., S. F. Winery, Livermore.

Pfaeffle & Co., Eugene, 2049 Fifteenth St., S. F. Apricot, cognac.

Schlesinger & Bender, Inc., Harrison and Mariposa Sts., S. F.

BRASS APPARATUS

The Oscar Krenz Copper and Brass Works, Inc., 212 Fremont St., S. F.

For wineries, distilleries, breweries, sugar houses, candy factories, dye works, steamships, mills, mines, glue and salt works, soda water factories, creameries, tanneries, canneries, acid and vinegar works, hotels and restaurants.

BRASS GOODS

Garratt & Co., W. T., 138 Fremont St., S. F. Wine goods, hose goods, plumbers and brass goods.

Young Supply Co., R. S., 515 Fourth St., Oakland.

BRASS STAMPS (See Seals, Stencils, Stamps)**BRASS WARE**

Ray Mfg. Co., W. S., 26 Steuart St., S. F.

Standard Mfg. Co., 24 Fell St., S. F. Brass ornaments.

BRASS WORK

Acme Iron and Brass Works, 485 Sixth St., S. F.

Art Metal Works, 67 Clementina St., S. F.

Bell & Phister, 211 Eighth St., S. F.

Boesch Lamp Co., Inc., 1135 Mission St., S. F. Brass ware.

California Artistic Metal and Wire Co., 349 Seventh St., S. F.

California Gas Fixture Co., 357 Ellis St., S. F.

California Sheet Metal Works, 229 Oak St., S. F.

Collosu's Metal Works, 1370 Broadway, Oakland.

Delancy Manufacturing Co., 292 Second St., S. F. Threaded collars, glands, soldering nipples, floor flanges, closet flanges, sink flanges, drains, hose couplings, rough compression hose, bibs, ferrules, fire department stand pipes, outfits.

Greenberg's Sons, M., 225 Beale St., S. F.

La Haye Mfg. Co., 298 Eleventh St., S. F.

Roberts Manufacturing Co., 663 Mission St., S. F.

Van Erp, Dick, 170 East Twelfth St., Oakland.

Vanni, A., Mason and Bay Sts., S. F.

BRAZING OF CAST IRON

Fearis Brazing Works, 209 Main St., S. F.

BREAD, ROLLS AND PASTRY

California Baking Co., Eddy and Fillmore Sts., S. F.

Log Cabin Bakery, 1723 San Pablo Ave., Oakland.

Old Homestead Bakery, Nineteenth and Shotwell Sts., S. F. Bread.

Young & Swain Baking Co., 1433 Devisadero St., S. F.

BREAKFAST FOODS (See Cereals)

BRICK

Alameda Brick Mfg. Co., 2315 Blanding Ave., Alameda.

Bay View Brick Co., Thirty-second Ave. So., near I, S. F.

California Brick and Pottery Co., Flood Bldg., S. F. **Factory**, Glen Ellen.

California Pressed Brick Co., Pacific Bldg., S. F. **Factory**, Niles. Pressed, vitrified, paving, glazed, ordinary building, special or ornamental brick.

Carnegie Brick and Pottery Co., foot of Madison St., Adams Wharf, Oakland. Vitrified, paving and fire brick.

Carquinez Brick and Tile Co., The, Russ Bldg., S. F. **Factory**, Eckley, Contra Costa Co. Facing, common.

Central Brick Co., 430 California St., S. F. **Factory**, Point San Pablo, Richmond. Common red brick.

Clark & Sons, N., 17 Spear St., S. F. **Factory**, Alameda. Pressed, fire brick.

Diamond Brick Co., Monadnock Bldg., S. F. **Factory**, Black Diamond. Red, ornamental, repress, vitrified, paving and sewer brick.

Gladding, McBean & Co., Crocker Bldg., S. F. **Works**, Lincoln, Placer Co. Enameled, fire, pressed, and brick for mantels.

Golden Gate Brick Co., 660 Market St., S. F. **Factory**, Antioch.

Great Western Brick Co., 268 Market St., S. F. **Factory**, Richmond.

Holland Sandstone Brick Co., 268 Market St., S. F. **Factory**, Antioch.

Los Angeles Pressed Brick Co., Bay Shore, Point Richmond. Common building, red, ruffled, pressed brick.

McNear Co., The, McNear's Point, Marin Co.

Pacific Clay Works, 112 Market St., S. F. Waterfront, Vallejo.

Patent Brick Co., Merchants Exchange Bldg., S. F. **Works**, San Rafael. Common brick.

Port Costa Brick Works, Balboa Bldg., S. F. **Works**, Port Costa. Common red and faced.

Pressed Brick Supply Co., Front St., Vallejo.

Pure Clay Brick and Tile Co., 103 Main St., S. F. **Works**, Hilton, Cal.

Remillard Brick Co., 425 Berry St., S. F. **Works**, Pleasanton, San Jose and Greenbrae.

Richmond Brick Co., 110 Market St., S. F. **Works**, Ferry Point, Richmond. Common red brick.

San Francisco Brick Co., Wells Fargo Bldg., S. F. Common building, repressed, red, clinker, blue, glazed, vitrified paving brick.

San Francisco Cornice Co., Inc., Bryant and Dove Sts., S. F. Galvanized pressed brick.

Steiger Terra Cotta and Pottery Works, Mills Bldg., S. F. Works, South San Francisco. Semi-dry pressed, vitrified, ornamental and fire brick.

Vallejo Brick and Tile Co., Mills Bldg., S. F. Factory, Vallejo. Vitrified, paving and sewer brick.

Winson Pottery Works, East Twelfth St. and Park Ave., Oakland. Pressed, hollow, vitrified and fire brick.

BRIDGE MATERIALS

The Iron and Steel Contracting Co., 217 San Bruno Ave., S. F.

BRIDGES, TRUSSES, TOWERS—IRON AND STEEL

American Steel and Wire Co., Sixteenth and Folsom Sts., S. F. Suspension bridges ready for erection.

Bay City Iron Works, 1243 Harrison St., S. F. Steel.

Berkeley Steel Co., 628 Montgomery St., S. F. Factory, Richmond, Contra Costa Co. Steel bridges.

Mortensen Construction Co., Nineteenth and Indiana Sts., S. F. Steel trusses and bridges.

BRIQUETTES AND BRIQUETTE PRESSES

Allan, Charles R., Oakland Bank of Savings Bldg., Oakland.

BROILERS

Johnson Co., S. T., 1334 Mission St., S. F. Oil burning.

BRONZE WORK

California Artistic Metal and Wire Co., 349 Seventh St., S. F.

California Gas Fixture Co., 357 Ellis St., S. F.

Keystone Ornamental Iron and Bronze Works, 350 Tenth St., S. F.

La Haye Mfg. Co., 298 Eleventh St., S. F.

Roberts Manufacturing Co., 663 Mission St., S. F.

Rudgear-Merle Co., 200 Bay St., S. F.

Sartorius Co., Fifteenth and Utah Sts., S. F.

BROOMS

American Broom Co., 726 Second St., Oakland.

McKenzie Broom Co., 315 Bryant St., S. F.

Simpson Brush Co., 1274 Folsom St., S. F.

Washington Broom Factory, 329 Commercial St., S. F.
Van Laak Mfg. Co., Twenty-eighth and Harrison Sts., S. F.
Zan Bros. & Co., 3546 Nineteenth St., S. F.

BRUSHES

American Broom Co., 726 Second St., Oakland.
Buchanan, William, 623 Sacramento St., S. F.
Simpson Brush Co., 1274 Folsom St., S. F.
Van Laak Mfg. Co., Twenty-eighth and Harrison Sts., S. F.

BUILDING MATERIALS (Asbestos)

Asbestos Mfg. and Supply Co., 15 Fremont St., S. F.

BUCKETS

Chilson Automatic Plow and Traction Mfg. Co., Inc., Commercial Bldg., S. F. **Factory**, Mountain View. Seamless oval bottom water buckets.
Eureka Boiler Works, 57 Mission St., S. F. Patent dredge buckets for ditching and reclamation work.
Fenton & Son, 15 Tehama St., S. F. Milking buckets.
Pioneer Press and Iron Works, 980 Natoma St., S. F. Dredger, clam shell, and orange peel buckets.

BUILDERS' SUPPLIES

Delanoy Mfg. Co., 212 Second St., S. F.
Empire Foundry Co., 433 Third St., Oakland.

BURIAL VAULTS

California Concrete Co., 648 Jackson St., Oakland.

BURIAL MATERIALS

California Casket Co., 959 Mission St., S. F. Garments, assorted textile furnishings, canopies and door badges.
San Francisco Casket Co., 621 Guerrero St., S. F.
Western Casket Co., 155 Thirteenth St., Oakland.

BURLAP

California Cotton Mills Co., East Oakland.

BUTTER

American Creamery Co., Fifteenth and Cypress Sts., Oakland.
California Creamery Co., 905 Washington St., Oakland.
Central Creamery, Twelfth and Jefferson St., Oakland.
Jersey Milk, Butter and Cream Co., 1751 Broadway, Oakland.
Maplewood Cream Co., 555 Eleventh St., Oakland.
Oakland Cream Depot, 1165 Willow St., Oakland.
Pacific Coast Syrup Co., 715 Sansome St., S. F. Apple butter.
Roussel & Davidson, 419 Front St., S. F. **Factory**, Fallon, Marin Co.
Royal Creamery, 319 Twelfth St., Oakland.
Western Creameries Co., 53 California St., S. F. **Factory**, Benicia.

BUTTER MOLDS AND BOXES

Simpson Mfg. Co., R. A., Forty-fourth and Market Sts., Oakland.

BUTTONS

Brunt, Walter N., 860 Mission St., S. F. Lapel buttons in celluloid and metal.
California Pleating Co., 270 Sutter St., S. F.
Original California Pleating Co., 177 Post St., S. F. Cloth covered buttons.
Steels Button and Pleating Works, 222 Ellis St., S. F. Covered and ivory rim.
Stewarts, 128 Eddy St., S. F. Covered and rim button.

CABINET WORK

Brunswick-Balke-Collender Co., The, 765 Mission St., S. F.
Buell Co., G. A., 730 Hooper St., S. F.
East Shore Lumber and Mill Co., 466 Tenth St., Oakland.
Fink & Schindler Co., 226 Thirteenth St., S. F.
Forbes & Son, A. J., 1530 Filbert St., S. F.
Fredericks, Jos., & Co., 819 Ellis St., S. F.
Golden Gate Woodworking Co., Inc., 239 Seventh St., S. F.
Haas Woodworking Co., 91 Minna St., S. F.
Home Manufacturing Co., 543 Brannan St., S. F.
Jackson Manufacturing Co., 1115 Sutter St., S. F.
Klemm, J. G., 1901 Bryant St., S. F.
Kulcher & Co., S., 512 Fourth St., Oakland.
Lavenson-Schleuter Company, 227 Post St., S. F.
Levy Woodworking Co., S., 446 Sixth St., S. F.

Mission Mill Co., Inc., 30 Albion Ave., S. F.

Drahl & Schmidt, 369 Sixth St., S. F.

Reinhart Lumber and Planing Mill Co., Seventeenth and Kansas Sts., S. F.

Schastey & Vollmer, 1930 Van Ness Ave., S. F.

Schussler Bros., 326 Grove St., S. F.

Stevenson & Co., 1517 Pine St., S. F.

Western Fixtrue Co., 666 Guerrero St., S. F.

CABLES

Standard Underground Cable Co., First National Bank Bldg., S. F.
Factory, First and Linden Sts., Oakland. Wire and cables for electrical use.

CAKE BREAKERS

Toulouse & Delorieu Co., 489 Eighth St., S. F.

CAKES

American Biscuit Co., 815 Battery St., S. F.

Standard Biscuit Co., Pacific and Sansome Sts., S. F.

CAKE MEAL

Pacific Oil and Lead Works, 155 Townsend St., S. F. Linseed oil and cocoanut oil cake meal.

CALENDARS

Nicoll & Co., 1849 Devisadero St., S. F.

Pingree & Brengel, Inc., 172 Duboce Ave., S. F.

Schooley Manufacturing Co., 737 Battery St., S. F.

CAMP STOOLS

Crescent Feather Co., Inc., Nineteenth and Harrison Sts., S. F.

CAMP FURNITURE

White Wallace Co., Inc., 1252 Webster St., Oakland.

CANDLES

Mission Soap and Candle Works, Eighteenth and Harrison Sts., S. F.

Newell & Bros., 2720 Army St., S. F.

CANDY

- Alameda Candy Factory, 1311 Park St., Alameda.
 Barton-Stephenson Co., 1109 Broadway, Oakland.
 Baum, Benjamin J., 1765 Howard St., S. F.
 Blum, S., 2816 California St., S. F.
 Gimbal Bros., 325 Pacific St., S. F.
 Gruenhagen Bros., 1610 Van Ness Ave., S. F.
 Haas, Geo., & Sons, Phelan Bldg., S. F.
 Hromada, A., & Co., 1310 Folsom St., S. F.
 Lehnhardt, E., 1157 Broadway, Oakland.
 Maskey's, 52 Kearny St., S. F.
 McBride-Rothschild Confection Co., 442 Second St., S. F.
 Orange Blossom, The, 47 Kearny St., S. F.
 Pacific Coast Biscuit Co., 815 Battery St., S. F.
 Ramona Candy Co., 247 Front St., S. F. **Factory**, West Berkeley.
 Rhine, Henry, & Co., Nineteenth and Bryant Sts., S. F.
 Selby's, 1057 Washington St., Oakland.
 Spaulding Novelty Co., 693 Mission St., S. F. Novelty candy.
 Standiford, W. B., 1064 Washington St., Oakland.
 Sugarie, Inc., The, Crocker Bldg., S. F.

CANNISTERS

- Mamlar, N., 323 Perry St., S. F. Tea and coffee.

CANNED GOODS

- California Canneries Co., 660 Minnesota St., S. F.
 California Fertilizing Works, 1332 Fifth Ave. So., S. F. Canned delicacies, tongue, pigs feet.
 California Fruit Cannery's Association, 112 Market St., S. F. **Factories**, San Francisco, Oakland, San Leandro and Milpitas.
 Carquinez Packing Co., 268 Market St., S. F. **Factory**, Benicia, Cal. Fruits, milk and cured salmon.
 Code, Portwood Canning Co., Fruitvale, Cal. Fruits, vegetables and preserves.
 Griffin & Skelley Co., 16 California St., S. F. **Factory**, Oakland.
 Goetjen, N., 906 Webster St., S. F. Meats, soups, vegetables.
 Golden State Asparagus Co., 16 California St., S. F. **Factory**, Andrus Island, Cal.
 Hunt Bros. Co., 112 Market St., S. F. **Factories**, Haywards, Los Gatos and Gridley. Canned fruits and tomatoes.

Pacific Coast Canning Co., Twelfth and Pine Sts., Oakland. Canned fruits and vegetables.

Presto Fruit Co., 112 Market St., S. F. **Factory**, Haywards. Canned prunes.

S. & S. Packing Co., 112 Market St., S. F. **Factory**, Oakland.

Sunlit Fruit Co., 2424 Fourth St., West Berkeley.

CANOPIES

Stalder & Hinkelbein, 1533 Polk St., S. F.

Thoms Awning Co., 1209 Mission St., S. F.

CANS

American Can Co., Mills Bldg., S. F. Tin.

Bredhoff & Grimley, 7 Sacramento St., S. F. Hand made.

Coast Metal Works, Inc., 63 Minna St., S. F.

Herbst Mfg. Co., 1939 Mission St., S. F. Garbage can.

Holbrook, Merrill & Stetson, Sixth and Townsend Sts., S. F. Fruit, coffee, spices, family baking-powder cans.

Mamlar, N., 232 Perry St., S. F. Ash cans.

Moerison & Bevilockway Co., 110 Steuart St., S. F. Oil cans.

Spaulding Novelty Co., 693 Mission St., S. F. Paper cans.

Zellerbach Paper Co., 534 Battery St., S. F. **Oakland Factory**, Fifth and Oak Sts., Oakland. Paper cans.

CAPS

Bloom Bros., 109 New Montgomery St., S. F.

Dewey Gubin & Co., 760 Mission St., S. F.

Goldman Bros., 109 New Montgomery St., S. F.

Phoenix Cap Co., 115 Post St., S. F. Uniform caps.

CAPSTANS

Christie Machine Works, 193 Fremont St., S. F.

Main-Street Iron Works, 163 Main St., S. F. Steam.

CARBONATING BEVERAGES

Alameda Soda Water Co., Eighth Ave. and E. Twelfth St., Oakland.

American Soda Works, 2483 Bryant St., S. F.

Bay City Soda Water Co., 320 Fell St., S. F.

Belfast Ginger Ale Co., Union and Octavia Sts., S. F.

California Lemonade and Seltzer Water Co., 172 Sanchez St., S. F.

California Pure Water Co., 141 Albion St., S. F.

Eggers & Co., 128 Eureka St., S. F.

Enterprise-Pioneer Bottling Co., Twenty-fifth and Hampshire Sts., S. F.

Golden West Soda Works, 1619 O'Farrell St., S. F.

Imperial Ginger Ale and Soda Water Co., Inc., 2043 Filbert St., Oakland.

Majestic Bottling Co., 20 Beideman St., S. F.

New Century Soda Works, 436 Green St., S. F.

Oakland Pioneer Soda Water Co., Inc., Tenth and Webster Sts., Oakland.

Quiros Soda Water Co., 349 Grove St., S. F. Carbonated water in siphons and steel tanks.

Richmond Soda Works, Richmond.

Rooney & Zimmerman, 2485 Bryant St., S. F.

San Francisco Soda Works, 313 Broderick St., S. F.

Scott & Gilbert, 45 Ecker St., S. F.

Shasta Water Co., Sixth and Brannan Sts., S. F.

Union Seltzer Water Co., 385 Ninth St., S. F.

Western Bottling Co., Twenty-first and Alabama Sts., S. F.

CARBURETERS

American Faucet Co., Inc., 827 Folsom St., S. F. Automatic soda water carbureters.

CARD INDEX CARDS

Library Bureau Co., 509 Market St., S. F.

CARDS AND CARDBOARD

California Card Manufacturing Co., Potrero Ave. and Mariposa St., S. F. Photographic cards and cardboard.

Elder, Paul, & Company, 239 Grant Ave., S. F. Illuminated cards.

CARPET WARP

California Cotton Mills Co., East Oakland. Cotton.

CARS

Holman, W. L., Co., Eighteenth and Indiana Sts., S. F. Railroad passenger cars, flat and box cars, electric and cable cars, logging cars and trucks.

Oakland Traction Co., 708 San Pablo Ave., Oakland. Street cars, coaches and freight equipment.

CARS—ORE (See Ore Cars)

CARS—MATTE TAPPING

Pacific Foundry Co., Eighteenth and Harrison Sts., S. F.

CARTONS

Fleishhacker, A., & Co., 134 Fremont St., S. F. Paper cartons of every description.

Galloway Lithographing Co., Inc., The, 515 Howard St., S. F.

Janssen Lithogravure and Label Co., 533 Mission St., S. F.

Pacific Label Co., 52 Second St., S. F.

Schmidt Lithograph Co., Second and Bryant Sts., S. F. Folding cartons.

CAR WHEELS (See Wheels, Rims, Spokes)**CASH REGISTERS (See Registers)****CASKETS**

California Casket Co., 959 Mission St., S. F.

San Francisco Casket Co., 621 Guerrero St., S. F.

Western Casket Co., 155 Thirteenth St., Oakland. Cloth caskets.

CASTINGS

Atlas Brass Works, Inc., 827 Folsom St., S. F. Phos-bronze, steam metal, gun metal, bell metal, machinery brass, yellow brass, copper, tin, zinc, aluminum.

Benicia Iron Works, Pacific Bldg., S. F. **Factory**, Benicia. Iron.

California Gas Fixture Co., 357 Ellis St., S. F. Bronze and brass.

Columbia Steel Company, Hooker & Lent Bldg., S. F. **Works**, Black Diamond, Contra Costa Co. Steel, manganese, nickel, chrome vanadium steel castings.

Dalton, Henry, & Sons Co., Cedar St., between Ninth and Tenth Sts., Oakland. Iron castings and sash weights.

DeRome's, Louis, **Bronze Bell and Brass Foundry**, 150 Main St., S. F. Bronze and brass bells, statues; bronze doors and gates.

Dow, Geo. E., **Pumping Engine Co.**, 179 First St., S. F. Iron and bronze castings.

Empire Foundry Co., Inc., 433 Third St., Oakland. Cast andirons, machinery castings, street and sewer castings, manholes, catchbasins, culverts, sewer caps.

Enterprise Foundry Co., 2902 Nineteenth St., S. F. Iron, brass.

Eureka Foundry, 625 Brannan St., S. F. Iron, brass.

- Fremont Iron Works**, 227 Main St., S. F. Semi-steel and gray iron castings, ice machine castings, pump castings, machinery castings.
- Garratt, W. T., & Co.**, 138 Fremont St., S. F. Brass, bronze, gun metal, bell metal, composition, aluminum.
- Golden State and Miners Iron Works**, 237 First St., S. F. Iron castings.
- Greenberg's, M., Sons**, 225 Beale St., S. F.
- Judson Manufacturing Co.**, 819 Folsom St., S. F. **Factory**, Oakland. All kinds of castings.
- Kingwell, L.**, 1038 Mission St., S. F. Brass, bronze, aluminum.
- Krenz, Oscar, Copper and Brass Works, Inc., The**, 212 Fremont St., S. F. Brass castings.
- Liberty Iron Works**, 227 Main St., S. F. Iron castings.
- Macauley, H. C., Foundry Co.**, Sixth and Carlton Sts., S. F. Structural cast iron, manholes, culverts, and general municipal work.
- McCormick Bros. Iron Works**, Main and Folsom Sts., S. F. Machinery castings of all kinds.
- Mission Foundry and Stove Works**, Treat Ave. and Nineteenth St., S. F.
- Murray Bros. Machine Works**, 231 Folsom St., S. F. Chilled and soft castings.
- Pacific Foundry Co.**, Eighteenth and Harrison Sts., S. F. Iron, pulleys, boxes.
- Pacific Jupiter Steel Co.**, Postal Telegraph Bldg., S. F. **Factory**, South S. F. High and low carbon, manganese and nickel-steel castings.
- Pacific Rolling Mill Co.**, Seventeenth and Mississippi Sts., S. F. Iron.
- Phoenix Iron Works**, Second and Castro Sts., Oakland. Iron, bronze, brass.
- Phoenix Manufacturing Co.**, Bay St. and New Montgomery Ave., S. F. Chilled castings, low grade castings for building materials.
- Pioneer Brass Foundry**, 404 Park Ave., Oakland. Brass, bronze, steel, zinc, bell and gun metal, aluminum castings, etc.
- Rincon Foundry Company**, 349 Seventh St., S. F. Gray iron castings, C. I. columns, bases, store fronts, novelties.
- Risdon Iron and Locomotive Works, The**, Steuart and Folsom Sts., S. F. Iron castings, all sizes.
- Roberts, L. V., Machine Works**, 49 Clementina St., S. F. Cast iron, brass, bronze.
- Sander's & Co.'s Copper Works**, 304 Howard St., S. F. Brass, bronze, copper.
- San Francisco Sash Weight Foundry**, 1221 Folsom St., S. F. Sash weights.

- San Francisco Zinc and Brass Foundry**, 48 Clementina St., S. F. Brass, bronze, zinc and gun metal castings for machinery; ornamental work, gas and electric fixtures. Aluminum castings.
- Standard Brass Casting Co.**, 665 Franklin St., Oakland. Brass and bronze for ship work, engines, machinery parts.
- Standard Foundry Co.**, Dennison and King Sts., Oakland. Iron castings.
- Standard Mfg. and Supply Co.**, 460 Montgomery St., S. F. Sash weights a specialty.
- Steiger & Kerr Stove and Foundry Co.**, Eighteenth and Folsom Sts., S. F. Machinery, railroad, mining, bridge, architectural, street and sewer castings, manholes and cesspools, gas fittings, water fittings, steam fittings, stoves and ranges.
- Union Iron Works Company**, Twentieth and Michigan Sts., S. F. Iron, brass, bronze.
- United Iron Works**, Second St., near Jefferson St., Oakland. Iron and brass.
- Vulcan Iron Works**, 604 Mission St., S. F. Heavy and light iron.
- Western Foundry Co.**, 215 Harrison St., S. F. Iron.
- Western Steel Works**, 313 Howard St., S. F. Crucible steel castings.
- Young, R. S., Supply Co.**, 515 Fourth St., Oakland. Zinc, bronze, brass, aluminum and magnesium castings.

CAULKING COTTON

- California Cotton Mills Co.**, East Oakland.

CELERY SALT.

- Cluff, William, Company**, Spear and Mission Sts., S. F.

CEMENT

- Asbestos Mfg. and Supply Co.**, 15 Fremont St., S. F. Asbestos furnace and retort cement.
- Cowell Portland Cement Co.**, 95 Market St., S. F. **Factory**, Cowell.
- Johns, H. W., Manville Co.**, 159 New Montgomery St., S. F. Asbestos cement.
- Pacific Portland Cement Co.**, 821 Pacific Bldg., S. F. **Factory**, Cement, Solano Co.
- Humphrey & Son**, 171 Thirteenth St., Oakland. Scoria cement.
- Santa Cruz Portland Cement Co.**, Crocker Bldg., S. F. **Works**, Davenport.

Standard Portland Cement Corporation, Crocker Bldg., S. F. **Works**,
Napa Junction.

Steiger Terra Cotta and Pottery Works, Mills Bldg., S. F. **Works**,
South San Francisco. Roof tile cement.

CEMENT GRAVEL MIXERS

Price, G. W., Pump and Engine Co., 33 Stevenson St., S. F.

CEMENT MILL EQUIPMENT

Benicia Iron Works, Pacific Bldg., S. F. **Factory**, Benicia.

CEMENT SPECIALTIES

Slater, G. W., & Son, 1400 San Pablo Ave., Oakland.

CEREALS

American Milling Co., The, 165 Erie St., S. F.

Bay City Flour Mills, First and Clay Sts., Oakland.

Del Monte Milling Co., Lombard and Montgomery Sts., S. F.

Gould, H., & Co., 751 Washington St., Oakland.

Howard Company, First and Market Sts., Oakland.

Pacific Cereal Association, Clay and Taylor Sts., S. F.

Port Costa Milling Co., 280 Battery St., S. F. **Factory**, South Vallejo.

All cereal products.

Sperry Flour Co., 343 Sansome St., S. F. **Mills**, Stockton, Sacramento,
Fresno, Salinas, Marysville, Chico, Paso Robles, Los Angeles.

Stockton Milling Co., 112 California St., S. F. **Mills**, Stockton.

Sun Milling Co., Second and Brush Sts., Oakland.

CHAINS

Pacific Rolling Mills Co., Seventeenth and Mississippi Sts., S. F.

Payne's Bolt Works, 133 Howard St., S. F.

Rulofson, A. C., & Co., Monadnock Bldg., S. F.

CHAIRS

Alameda Wicker Works, 1526 Park St., Alameda. Wicker.

Eames Tricycle Co., 1714 Market St., S. F. Invalid wheel chairs, tri-
cycle chairs.

Peck & Hills Furniture Co., Park and Hubbard Sts., Oakland.

CHARCOAL

Pacific Bone Coal and Fertilizer Co., 617 Seventh St., S. F. **Factory**, San Mateo Co.

Pacific Guano and Fertilizer Co., The, 268 Market St., S. F. **Factory**, West Berkeley.

CHEESE

Novato French Cheese Factory, 309 Davis St., S. F. **Factory**, Novato.

Roussel & Davidson, 419 Front St., S. F. **Factory**, Fallon, Marin Co.

CHEMICALS AND ACIDS

American Cream Tartar Co., 624 California St., S. F. Tartaric acid.

Bloom, Samuel, & Sons Co., 2734 Army St., S. F.

California Rex Spray Co., Benicia. Lime and sulphur solution, arsenate of lead, stock foods and poultry tonics.

Carbonic Dioxide Corporation, The, West Berkeley. Carbonic acid gas.

Langley & Michaels Co., 50 First St., S. F.

Leona Chemical Co., 1256 Broadway, Oakland. Sulphuric, nitric, acids and aluminum sulphate.

Mountain Copper Co., The, Ltd., 125 Pine St., S. F. **Factory**, Lewis. Sulphuric acid.

Peyton Chemical Co., Mills Bldg., S. F. Commercial sulphuric acid, nitric, acids, and aluminum sulphate.

San Francisco Chemical Co., 150 Pine St., S. F. **Factory**, Fleming. Sulphuric, muriatic and nitric, chloride, zinc.

Stauffer Chemical Co., 624 California St., S. F.

Union Superphosphate Co., 288 Market St., S. F. **Factory**, Stege. Sulphuric.

CHIMNEYS—PATENT

Golden Eagle Sheet Metal Works, The, 401 McAllister St., S. F.

Ray, W. S., Manufacturing Co., 26 Steuart St., S. F.

Thurabelle Bros., 775 Broadway, S. F.

CHIMNEY TOPS

Amsler Sheet Metal Works, 25 Shotwell St., S. F.

Clawson, L. E. Co., 199 Golden Gate Ave., S. F.

Cronan's Eagle Cornice Works, 330 Guerrero St., S. F.

Fenton & Son, 15 Tehama St., S. F.

Forderer Cornice Works, 269 Potrero Ave., S. F.

Gladding, McBean & Co., Crocker Bldg., S. F. **Works**, Lincoln, Placer Co.

Globe Sheet Metal Works, 1929 Market St., S. F.
Shields, Thos. Sheet Metal Works, 571 Mission St., S. F.
Stalder & Hinkelbein, 1553 Polk St., S. F.
United Sheet Metal Works, 575 Howard St., S. F.

CHOCOLATE

American Chocolate Factory, 26 Bluxome St., S. F.
Ghirardelli, D. Company, 940 North Point St., S. F.

CIGARETTES

Anargyros, N., Cigarette and Tobacco Co., 556 Tenth St., Oakland.
Bollman, John, Company, The, 331 Battery St., S. F.
Solomon & Koblik, 1832 Post St., S. F.

CIGARS

Alonzo, H. S. & Co., 341 Pacific St., S. F.
Banza Cigar Co., 653 Grant Ave., S. F.
Boskowitz, Frank, 63 California St., S. F.
Cabanas Cigar Co., 470 Pacific St., S. F.
Cicchi, M. & Co., 436 Broadway, S. F.
Excelsior Cigar Co., 943 Stockton St., S. F.
Frankenberg, N. J., 415 Pacific St., S. F.
Frankel Gerdtts & Co., 540 Clay St., S. F.
Him Kee & Co., 903 Stockton St., S. F.
Judell, H. L., & Co., 20 Front St., S. F.
Manila Cigar Factory, Nineteenth and York Sts., S. F.
Nelson Cigar Co., 1166 Webster St., Oakland.
Pioneer Cigar Factory, 553 Seventh St., Oakland.
Rissinan Cigar Co., 664 Seventh St., Oakland.

CIRCUIT BREAKERS

Pacific Electric and Mfg. Co., 80 Tehama St. Oil circuit breakers.

CLEANING FLUID

Consolidated Chemical Co., 612 Turk St., S. F.

CLEANSING AND POLISHING PREPARATIONS

(See Metal Polish)

Beatsol Silicia Co., 423 Sacramento St. Factory, foot of Jackson St., Oakland. For household cleaning.

CLOAKS AND SUITS

Horvitz, L., 142 Sansome St., S. F. Ladies.

Shirek, Carl, & Co., Phelan Bldg., S. F. Suits and dress skirts.

CLOTH

California Cotton Mills Co., East Oakland. Cotton filter cloths, cotton ducks, burlaps, baggins, jute filter cloth, cotton damask and crash.

Pacific Shade Cloth Co., 740 Adeline St., Oakland. Window shade cloth.

CLOTHING

American Woolen Mills Tailoring Co., 109 New Montgomery St., S. F. Uniforms and wholesale tailoring in general.

California Blanket and Flannel Mills, 760 Mission St., S. F. Mackinaw clothing.

Erbe, Ernst E., & Co., 109 New Montgomery St., S. F. Men's and youths' clothing.

Greenebaum, Weil & Michels, 740 Mission St., S. F. Men's clothing duck lined.

Henry Bros., 772 Pacific St., S. F. Men's clothing.

Strauss, Louis, 658 Mission St., S. F. Men's and boys' clothing.

Smith, Cassidy & Co., 594 McAllister St., S. F. Khaki outing and riding suits for men and women, hunting and fishing clothing, automobile clothing.

CLOTH—KILN

Bemis Bros. Bag Co., Sansome and Vallejo Sts., S. F.

COLD STORAGE PLANTS

Coolidge, Geo. H., 170 Fulton St., S. F.

Pacific Refrigerating Machine Co., 1628 Webster St., Alameda.

COCOA

American Chocolate Factory, 26 Bluxome St., S. F.

Ghirardelli, D., Company., 940 North Point St., S. F.

COCOANUT—PREPARED

Pacific Cocoanut Co., 817 Sansome St., S. F. Shredded, desiccated cocoanut.

COFFEE ROASTING AND GRINDING

Brandenstein, J. B., 126 Mission St., S. F.
Cluff, William, Company, Spear and Mission Sts., S. F.
Folger, J. A., & Co., Howard and Spear Sts., S. F.
Getz, M., & Co., Inc., 135 Main St., S. F.
Hills Bros., 175 Fremont St., S. F.
Jones-Paddock Co., 228 Fremont St., S. F.
Schilling, A., & Co., Second and Folsom Sts., S. F.

COFFEE FLAVOR (See Extracts, Flavoring)**COFFEE—HULLED**

Haslett Warehouse Co., 310 California St., S. F.

COFFEE URNS

Ils, John G., & Co., 827 Mission St., S. F.

COIL BOXES

Cleveland Faucet Co., 531 Eighth St., Oakland.

COILS—ELECTRIC

Drendell Electric and Mfg. Co., Mission and Erie Sts., S. F.
Farnsworth Electrical Works, 132 Second St., S. F.
Herzog & Dahl, 150 Steuart St., S. F. Armature coils.

COINS (See Money)**COIN SACKS (See Bags)****COIN TRAYS**

Fink & Schindler Co., The., 226 Thirteenth St., S. F.

COMFORTERS

California Cotton Mills Co., East Oakland. Cotton.
Crescent Feather Co., Inc., Nineteenth and Harrison Sts., S. F.

COMPOUNDS

California Paint Co., 1797 Twelfth St., Oakland. Sub-marine.
Monarch Oil Refining Co., 90 Clay St., S. F. Factory, West Berkeley.
Nason, R. N. & Co., 151 Potrero Ave., S. F. Electrical for insulating.
Tamm & Nolan Company, 151 Potrero Ave., S. F. Damp proof.

Standard Oil Co., 461 Market St., S. F. **Factory**, Richmond. Lubricating.
Sterling Paint Co., 118 First St., S. F. **Factory**, 45 Hannah St., Oakland. Insulating.

COMPRESSORS—AIR (See Air Compressors)

CONDENSERS

Main Street Iron Works, 163 Main St., S. F.

CONFECTIONERY (See Candy)

CONTROLLERS

Anderson Electrical Works, 126 Mission St., S. F.

Butte Engineering and Electric Co., 683 Howard St., S. F.

Drendell Electric and Mfg. Co., Mission and Erie Sts., S. F. Controller devices.

San Francisco Elevator Co., 256 Spear St., S. F. Automatic elevator controllers.

Van Emon Elevator Company, 46 Natoma St. **Factory**, Berkeley. Controllers for all types of elevators.

Weidenthal-Goslinger Electrical Works, 623 Mission St., S. F.

COOKING UTENSILS

Holbrook, Merrill & Stetson, Sixth and Townsend Sts., S. F.

COPPER WARE

California Sheet Metal Works, 229 Oak St., S. F. Copper specialties.
Ray, W. S., Manufacturing Co., 26 Steuart St., S. F.

COPPER WORK

Art Metal Works, 67 Clementina St., S. F.

Boesch Lamp Co., Inc., 1133 Mission St., S. F. Copper ware.

Cleveland Faucet Co., 531 Eighth St., Oakland.

Collosu's Metal Works, 1370 Broadway, Oakland.

Krenz, Oscar, Copper and Brass Works, The, 212 Fremont St., S. F.

For wineries, distilleries, breweries, sugar houses, candy factories, dye works, steamships, mills, mines, glue and salt works, soda water factories, creameries, canneries, tanneries, acid and vinegar works, hotels and restaurants.

LaHaye Mfg. Co., 298 Eleventh St., S. F.

Pacific Copper Works, 573 Mission St., S. F. Stills, kettles, vacuum pans, pipe, coils, etc.

Sanders & Co.'s Copper Works, 304 Howard St., S. F. Vacuum pans, filters, kettles, stills, pipe, etc.

Schmidt, Geo. W. Heating and Ventilating Co., 1160 Webster St., Oakland.

Van Erp, Dick, 170 East Twelfth St., Oakland. Bowls, jars, trays, lamps.

Vanni, A. Mason and Bay Sts., S. F.

CORDAGE

American Steel and Wire Co., Sixteenth and Folsom Sts., S. F. Wire rope, strand, street railway cables, towing and mooring hawsers, tramway track strand, armored sub-marine cables, wire sash cord, wire clothes line, copper fish lines, wire sounding lines, drilling sand and casing lines.

California Cotton Mills Co., East Oakland. Cotton wrapping twines, sea island, cotton machine sewing, sail sewing, seine, jute wrapping, paper, hemp, flax sewing, spring, twines. Cotton shade and sash cord. Cotton hardware, fishing, transmission, hemp, bale and hemp shook tie-up rope, hemp clothes line.

Fleishhacker, A., & Co., 134 Fremont St., S. F. Tinsel twine.

Havaside, Withers & Davis, 34 Steuart St. Wire and manila towing hawsers.

Nossen, J., 68 Clay St., S. F. Manila rope yarns.

Roebblings, John A., Sons Co., 624 Folsom St., S. F. Wire strand.

Sun Tent and Awning Co., 52 Washington St., S. F. Horse tie rope.

Tubbs Cordage Co., Kohl Bldg., S. F. Manila, sisal, transmission and power, hide, pile driving and hoisting, lanyard and tarred, tent, wheel, hay, lariat, halter and tie ropes. Binder, paper and spring twine. Whale line. Lath yarn. Ship hawsers and towing line. Oil well drilling cables. Fisherman's rope.

CORDIALS

Pfaeffle, Eugene & Co., 2049 Fifteenth St., S. F.

Rosenblatt Co., The, 300 Second St., S. F.

CORKING AND CAPPING MACHINES

Illinois-Pacific Glass Company, Fifteenth and Folsom Sts., S. F.

CORNICES

- Amsler Sheet Metal Works, 25 Shotwell St., S. F.
Appman Cornice Works, 446 Seventh St., S. F.
California Sheet Metal Works, 229 Oak St., S. F.
Conlin & Roberts, 410 Natoma St., S. F.
Cronan's Eagle Cornice Works, 336 Guerrero St., S. F.
DeLuchi-Shufelt Co., Twenty-fourth and San Pablo Ave., Oakland.
Forderer Cornice Works, 269 Potrero Ave., S. F.
Globe Sheet Metal Works, 1929 Market St., S. F.
Golden Eagle Sheet Metal Works, The, 401 McAllister St., S. F.
Guilfoy Cornice Works, 209 Eighth St., S. F.
Heidt, W., Cornice Works, 152 First St., S. F.
Korell, J. A., 703 Haight St., S. F.
Phoenix Iron and Sheet Metal Works, 548 Bryant St., S. F.
Richmond Sheet Metal and Plumbing Works, Richmond.
Rulofson Metal Window Works, Eighth and Brannan Sts., S. F.
San Francisco Cornice Co., Inc., Bryant and Dove Sts., S. F.
Schmidt, Geo. W., Heating and Ventilating Co., 1160 Webster St., Oakland.
Thurabelle Bros., 775 Broadway, S. F.

CORRUGATED IRON

- Doak Sheet Steel Co., Eighth and Irwin Sts., S. F. Sheets, roofing, ceilings, side walls.

CORRUGATED METAL

- California Corrugated Culvert Co., Fifth and Parker Sts., West Berkeley. Road culverts, storm sewers, irrigation pipe, flumes and siphons, bridge flooring, well casing, tanks, roofing, building siding.

COSTUMES

- Pasquale, B., Co., 115 Post St., S. F.

COTS

- Thoms Awning Co., 1209 Mission St., S. F.

COTTON BATTING

- California Cotton Mills Co., East Oakland.

COUCHES

Alameda Wicker Works, 1526 Park St., Alameda. Wicker.

Arrow Mattress Factory, 648 Jackson St., Oakland.

Hoey, John, & Co., Rhode Island and Alameda Sts., S. F.

Phelps, F. O., 1813 Devisadero St., S. F.

COURSE FINDERS (See Nautical Instruments)**COVERS**

Carlson Currier Co., 110 Sansome St., S. F. **Factory**, Petaluma. Tinted pillow and cushion covers.

Dahl-Thomas Awning Co., 573 Eighth St., Oakland.

Haviside, Withers & Davis, 34 Steuart St., S. F. Horse covers.

Nossen, J., 68 Clay St., S. F. Hay, horse, cement and wagon covers.

Plummer, W. A., Mfg. Co., 37 Front St., S. F. Canvas covers.

Prior, John L., Co., 114 Main St., S. F.

Simpson & Fisher, Inc., 118 Howard St., S. F. Grain, wagon and all kinds of covers made of cotton duck.

Sun Tent and Awning Co., 52 Washington St., S. F. Horse covers, wagon covers.

Thoms Awning Co., 1209 Mission St., S. F. Horse and wagon covers.

CRACKERS

American Biscuit Co., 815 Battery St., S. F.

Mutual Biscuit Co., Stevenson and Crocker Sts., S. F.

Standard Biscuit Co., Pacific and Sansome Sts., S. F.

CRANES

Butte Engineering and Electric Co., 683 Howard St., S. F. Electric traveling cranes and hoists.

CRANK AXLES (See Forgings)**CREAMERY SUPPLIES**

Simpson, R. A., Mfg. Co., Forty-fourth and Market Sts., Oakland.

CREAM OF TARTAR

American Cream Tartar Co., 624 California St., S. F.

CREOSOTING (See Pile Covering)**CRUISERS (See Ship Building)**

CRUSHED FRUITS

Getz, M., & Co., 135 Main St., S. F.

CURRY POWDER

Cluff, William, Company, Spear and Mission Sts., S. F.

Rogers, R. R., Chemical Co., 527 Commercial St., S. F.

CURTAINS

Asbestos Mfg. and Supply Co., 15 Fremont St., S. F.

Rice, F. A., 1805 Harrison St., S. F. Ships curtains.

United Studios, Inc., 1146 Sutter St., S. F.

CUSHIONS

Hulse-Bradford Co., 986 Mission St., S. F.

Rice, F. A., 1805 Harrison St., S. F. Ships cushions.

CUTLERY AND EDGE TOOLS

Olson, W., 1308 Clay St., Oakland. Cutlery and scissors.

Sunset Saw Filing and Tool Grinding Co., The, 964 Webster St., Oakland. Cutlery and scissors.

CUT OUTS

Schmidt Lithograph Co., Second and Bryant Sts., S. F. Cut out cards and posters.

CUTS (See Half Tone Engravings)**CYANIDE PLANT EQUIPMENT**

Harmon, S. H., Lumber Co., Fifth and Bryant Sts., S. F.

Pacific Tank Co., 318 Market St., S. F.

DAMP PROOFING (See Paints)**DENTAL SUPPLIES**

Edwards, James W. Co., 323 Geary St., S. F. Dental electrical switch boards, "Peritundo" an anesthetic.

DEODORIZERS

Rogers, R. R., Chemical Co., 527 Commercial St., S. F.

DERRICKS

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. Works, Sunnyvale, Santa Clara Co.

Murray Bros. Machine Works, 231 Folsom St., S. F. Mast and stiff leg derricks.

DIALS

Schilling, Adam & Son, 211 Main St., S. F. Glass, metal and wood.

DIAMOND CUTTING

California Jewelry Co., 704 Market St., S. F.

DIES

Christensen, A. C., 5201 East Fourteenth St., Oakland.

Continental Machine Works, 706 Broadway, Oakland.

Gray, J. A., Company, Eighteenth and Bryant Sts., S. F. For blanking and forming sheet metals.

San Francisco Zinc and Brass Foundry, 48 Clementina St., S. F. Dies for hat manufacturers.

Schell, M. P., 1759 Union St., S. F.

DIGESTERS

Pioneer Press and Iron Works, Inc., 980 Natoma St., S. F.

DISINFECTORS

Dundon, P. F., 320 Market St., S. F. Sterilizing disinfectors for hospitals, institutions and public buildings.

Manhattan Food Co., 1001 East Fourteenth St., Oakland.

DISHWASHING MACHINES

Conlin & Roberts, 410 Natoma St., S. F.

DISINFECTANTS

Consolidated Chemical Co., 612 Turk St., S. F.

Rogers, R. R., Chemical Co., 527 Commercial St., S. F.

DISPLAY STANDS AND FIXTURES

Feintuch Display Fixture Co., 134 Sansome St., S. F.

Schneidewind Mfg. Co., 299 Chenery St., S. F. Display blocks and window dressings in velvet, plush, silk and velveteen, broad cloth and leather.

Western Brass and Plating Works, 174 Minna St., S. F.

DISTILLATE (See Oils)**DOOR OPENERS**

Rischmuller, G., 842 Thirty-seventh St., Oakland.

DOORS (See Mill Work)**DRAPERIES**

Phelps, F. O., 1813 Devisadero St., S. F.

Schastey & Vollmer, 1930 Van Ness Ave., S. F.

Sloane, W. & J., Co., 216 Sutter St., S. F.

United Studios, Inc., 1146 Sutter St., S. F.

DREDGES

Byron Jackson Iron Works, 351 Market St., S. F. Factory, West Berkeley. Suction and gold dredges.

Pioneer Press and Iron Works, Inc., 980 Natoma St., S. F.

Risdon Iron and Locomotive Works, Steuart and Folsom Sts., S. F.

Gold dredging machinery, clam shell dredges, suction dredges.

Union Iron Works Company, Twentieth and Michigan Sts., S. F.

United Iron Works, Second and Jefferson Sts., Oakland. Suction and gold dredges.

DRILLS—OIL WELL (See Tools—Well Boring)**DRILLS—ROCK**

Compressed Air Machinery Co., The, Stevenson and Ecker Sts., S. F.

Rix Compressed Air and Drill Co., 371 Market St., S. F.

DRUGS (See Pharmaceutical Preparations)**DRUMS (See Barrels and Drums)****DRY BATTERIES**

American Ever Ready Co., 755 Folsom St., S. F.

DUMB BELLS

Enterprise Foundry Co., 2902 Nineteenth St., S. F. Nickel plated.

DUSTERS

Eloesser-Heynemann Co., 77 Battery St., S. F. Factories, S. F. and Petaluma.

DUST SEPARATORS

Pacific Blower and Heating Co., 3261 Seventeenth St., S. F.

DYNAMOS

Union Iron Works Company, Twentieth and Michigan Sts., S. F.
Weidenthal-Goslinger Electrical Works, 623 Mission St., S. F.

DYNAMITE (See Explosives)**EAVE TROUGHS (See Sheet Metal Work)****EDGERS**

Hendy, Joshua, Iron Works, 75 Fremont St. Works, Sunnyvale, Santa Clara Co. Hand and gang.

EGG SUBSTITUTES

Getz, M. & Co. Inc., 135 Main St., S. F.

EJECTORS

Garratt, W. T., & Co., 138 Fremont St., S. F.

ELASTIC STOCKINGS (See Trusses, Etc.)**ELECTRIC FIXTURES (See Lighting Fixtures)****ELECTRIC GENERATING SETS**

Ohmen Engine Works, Seventeenth and Capp Sts., S. F.

ELECTRIC HEATING APPLIANCES

Butte Engineering and Electric Co., 683 Howard St., S. F.

Century Electric and Fixture Co., 1375 Broadway, Oakland.

Electric Manufacturing Co., Inc., 424 Third St., S. F. Electric hair dryers, water heaters, irons, branding irons, soldering irons and vibrators.

Independent Electrical Construction Co., 381 Fulton St., S. F.

ELECTRIC LIGHTING AND POWER SYSTEMS

Butte Engineering and Electric Co., 683 Howard St., S. F.

ELECTRICAL APPARATUS

Sutton, John G., Co., 229 Minna St., S. F. Special electrical apparatus.

ELECTRICAL NOVELTIES AND SPECIALTIES

Anderson Electrical Works, 126 Mission St., S. F.

Baker, M. C., & Son, 61 Second St., S. F.

Electric Manufacturing Co., Inc., 424 Third St., S. F. Electric hair dryers, water heaters, irons, electric branding irons, soldering iron and vibrators.

Herzog & Dahl, 150 Steuart St. S. F.

Seiler, Paul, Electrical Works, 322 Market St., S. F.

ELECTRICAL SWITCH PLATES.

Western Brass & Plating Works, 174 Minna St., S. F.

ELECTRIC WELDING

Reed Electric Laboratories, 370 Golden Gate Ave., S. F. **Factory**, Mayfield.

ELECTROLIERS

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works**, Sunnyvale, Santa Clara Co.

United Iron Works, Second and Jefferson Sts., Oakland. Electroliers for street lighting.

ELECTRO PLATING (See Plating)**ELEVATORS**

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works**, Sunnyvale, Santa Clara Co. Hydraulic water lifters, hydraulic gravel elevators.

Otis Elevator Co., North Point, Stockton and Beach Streets. Passenger, freight and sidewalk elevators. Dumbwaiters, escalators. Elevator platforms, cages, winding machine drums, overhead sheaves, counterweights, posts, gates, and all hatchway work for every kind of elevator. Plungers, cylinders, and valves for hydraulic elevators. Hydro-air and hydro-steam elevators.

Parsons & Blackmon Machine Co., 311 Harriet St., S. F. Hand and power elevators.

Risdon Iron and Locomotive Works, The, First and Market Sts., S. F. Evans hydraulic elevators.

Roberts, L. V., Machine Works, 49 Clementina St., S. F. Sidewalk and carriage elevators. Dumbwaiters.

San Francisco Elevator Co., 256 Spear St., S. F. All classes of electric, hydraulic and handpower.

Van Emon Elevator Co., 46 Natoma St., S. F. **Factory**, West Berkeley. Elevator engines for all types of buildings, hydraulic ram or plunger type, hydraulic multiple sheave elevators, belt elevators, hand power elevators. Controllers for same.

Wells & Spencer Machine Co., 173 Beale St., S. F. Freight, electric, hydraulic, steam, hand power, elevators and dumbwaiters.

EMBLEMS (See Badges: Medals: Emblems)

EMBOSSING (See Engraving)

EMBROIDERIES

Carlson Currier Co., 110 Sansome St., S. F. **Factory**, Petaluma. Stamped or traced linens.

Fraser Wire and Stamping Co., 115 Natoma St., S. F.

Pasquale, B., 115 Post St., S. F.

Stewarts, 128 Eddy St., S. F. Bonaz embroidery.

ENCHILADAS (See Tamales)

ENGINES CORLISS

Dow, Geo. E., Pumping Engine Co., 179 First St., S. F.

ENGINES—GAS

American Machine Works, 856 Franklin St., Oakland.

Atlas Gas Engine Co., Eleventh Ave., East Oakland. 4-cycle gas engines, marine and hoisting. 4-cycle gas engine hoists, marine and stationary.

Columbia Machine Works, 215 Spear St., S. F.

Corliss Gas Engine Co., 227 Folsom St., S. F. **Works**, Petaluma.

Davis, Norris K. Machine Works, Seventh and Harrison Sts., S. F.

Doak Gas Engine Co., 7 First St., S. F. Marine, stationary, portable, hoisting. **Factory**, Fourth and Madison Sts., Oakland.

Franklin Machine Co., 21 Spear St., S. F. 4-cylinder gas engines, marine and stationary, 5 to 20 H. P.

Golden State and Miners Iron Works, 237 First St., S. F. Marine and stationary.

Hicks, J. L., 967 Howard St., S. F. Marine, stationary and harvester gas engines.

Imperial Gas Engine Co., 60 Clementina St., S. F. Marine and stationary gas and gasoline engines. One, two, three and four-cylinder, from 4 to 150 H. P.

Mayer, J. A., 4181 Twenty-fourth St., S. F. Stationary, marine and auto.

Morrow Valveless Gas Engine Mfg. Co., Richmond. Valveless gas engines.

Mortorium, S. & W., 1422 San Pablo Ave., Oakland.

Patterson, E. R., Co., Inc., 5312 East Fourteenth St., Oakland.

Phoenix Iron Works, Second and Castro Sts., Oakland.

Price, G. W., Pump and Engine Co., 33 Stevenson St., S. F. Marine and stationary gasoline engines. Gasoline locomotive dredgers and ditchers. Traction engines.

Rossi, A. & Co., 322 Broadway, S. F.

Schilling, Adam & Son, 211 Main St., S. F.

Schneider Engineering Works, 1414 Fifteenth St., S. F.

Standard Gas Engine Co., 10 California St., S. F. **Factory**, Dennison and King Sts., Oakland. Marine, mining, stationary and pumping engines. Portable and electric light engines.

Union Gas Engine Co., 507 Mission St., S. F. Gas, gasoline, oil, distillate, engines. **Factory**, Kennedy and Canal Sts., Oakland.

Union Iron Works Company, Twentieth and Michigan Sts., S. F.

United Iron Works, Second and Jefferson Sts., Oakland.

Western Gas and Power Co., Seventh and Cedar Sts., Oakland. Vapor gas machines.

ENGINES—MARINE

Doak Gas Engine Co., 7 First St., S. F. **Factory**, Fourth and Madison Sts., Oakland.

Franklin Machine Co., 21 Spear St., S. F. Marine and gas engines.

Golden States and Miners' Iron Works, 237 First St., S. F.

Hicks, J. L., 967 Howard St., S. F. Marine gas engines.

Imperial Gas Engine Co., 60 Clementina St., S. F. Marine gas and gasoline engines, 1, 2, 3, 4-cylinder, from 4 to 150 H. P.

Main Street Iron Works, 163 Main St., S. F.

Risdon Iron and Locomotive Works, The, First and Market Sts., S. F.

Standard Gas Engine Co., 10 California St., S. F. **Factory**, Dennison and King Sts., Oakland.

Union Gas Engine Co., 507 Mission St., S. F. **Factory**, Kennedy and Canal Sts., Oakland.

Union Iron Works Company, Twentieth and Michigan Sts., S. F.

United Engineering Works, 224 Spear St., S. F.

ENGINES—STEAM

Christie Machine Works, 193 Fremont St., S. F. Engines up to 150 H. P.

Evans, C. H., Co., 187 Fremont St., S. F. Steamboat, stern wheel, small boats.

Golden State and Miners Iron Works, 237 First St., S. F. Donkey engines.

Haslehursts, W. W., Machinery and Engineering Works, 2122 Folsom St., S. F. Compound and triple expansion.

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. Works, Sunnyvale, Santa Clara Co.

Ker Lloyd Iron Works, 252 Spear St., S. F. Vertical steam engines, marine type.

Main Street Iron Works, 163 Main St., S. F. Stationary and logging.

McMaster, D. J., Machinery Co., 1114 Folsom St., S. F.

Moore & Scott Iron Works, Main and Howard Sts., S. F. Portable donkey hoisting, logging engines, stationary, marine.

Murray Bros. Machine Works, 231 Folsom St., S. F. Logging, hoisting, marine, stationary, portable.

Ohmen Engine Works, Seventeenth and Capp Sts., S. F.

Price, G. W., Pump and Engine Co., 33 Stevenson St., S. F.

Risdon Iron and Locomotive Works, First and Market Sts., S. F.

Union Iron Works Company, Twentieth and Michigan Sts., S. F.

United Engineering Works, 224 Spear St., S. F. Marine.

ENGINES—STEERING

Risdon Iron and Locomotive Works, The, Steuart and Folsom Sts., S. F.

ENGRAVING

Ambruster Engraving Co., 52 Second St., S. F. Copper plate and steel die engraving.

Brewster, C. Union, 557 Clay St., S. F. Stone, copper, steel photo engraving.

Britton & Rey, 522 Sacramento St., S. F. Steel die and copper plate.

Crocker, H. S. Co., 230 Brannan St., S. F.

Freygang Printing Co., 1322 Howard St., S. F.

Galloway Lithographing Co., Inc., The, 515 Howard St., S. F.

Mitchell, John J., Company, 52 Second St., S. F.

Pacific Bank Note Co., 515 Thirty-sixth St., Oakland. Steel.

Pacific Embossing Co., 20 Montgomery St., S. F. Steel die embossing, copper plate engraving.

Union Lithograph Company, The, 741 Harrison St., S. F. Steel die embossed stationary.

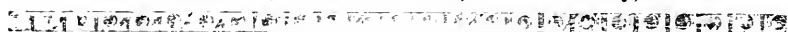
ENVELOPES

Griffin Envelope Co., 156 Perry St., S. F.

Zellerbach Paper Co., 534 Battery St., S. F.

EVAPORATED MILK

Western Creameries Co., 53 California St., S. F. **Factory**, Benicia.



EVAPORATORS

Main Street Iron Works, 163 Main St., S. F.

EXPANDED METAL

Western Expanded Metal and Fireproofing Co., 730 Second St., S. F. Expanded metal lath partitions, patent steel clips.

EXPLOSIVES

De Nemours du Pont Powder Co., E. I., Chronicle Bldg., S. F. **Works**, Hercules, Vigorit. High explosives and black blasting powder.

Giant Powder Co., The Con., Kohl Bldg., S. F. **Factory**, Giant, Contra Costa Co. Dynamite, gelatine stumping powder, black blasting.

Trojan Powder Co., First National Bank Bldg., Oakland. **Works**, San Leandro.

EXTRACTS—FLAVORING

Boldermans, A. C., **American Chocolate Factory**, 26 Bluxome St., S. F. **California Syrup and Extract Mfg. Co.**, 1168 San Pablo Ave. Oakland.

Cluff, William, Company, Spear and Mission Sts., S. F.

Eng-Skell Co., 1538 Valencia St., S. F. Extracts, fine drugs, fountain fruits, spices and groceries, specialties.

Folger, J. A., Co., Howard and Spear Sts., S. F.

Getz, M., & Co., 135 Main St., S. F.

Hills Bros., 175 Fremont St., S. F.

Jones-Paddock Co., 228 Fremont St., S. F.

Merten & Co., 30 Beale St., S. F. Flavorings, spices and grocer's specialties.

Ralph & Co., I. V., Inc., 360 Eleventh St., Oakland.

Rieger, Paul, Co., 116 First St., S. F.

Schilling, A., & Co., Second and Folsom Sts., S. F.

Scott & Gilbert, 45 Ecker St., S. F.

Seal Rock Coffee and Spice Mill, 359 Second St., Oakland. Flavoring extracts and Vienna Coffee flavor.

Thierbach, Chas. F., Co., 431 Battery St., S. F.

Tillmann & Bendel, Pine and Davis Sts., S. F.

Watkins Extract Co., 103 Main St., S. F. All kinds of flavoring extracts and essential oils.

FARMING IMPLEMENTS

Benicia Iron Works, Pacific Bldg., S. F. **Factory**, Benicia. Harrows, plows, scrapers, seeders.

Chilson Automatic Plow and Traction Mfg. Co., Inc., Commercial Bldg., S. F. **Factory**, Mountain View. Automatic plows, cultivators, mowing machines, seed sowers, traction farm implements.

FANS — HEATING AND VENTILATING (See Machinery, Miscellaneous)

FAUCETS

American Faucet Co., Inc., 827 Folsom St., S. F.

FEEDS (See Poultry Foods)

American Milling Co., The, 165 Erie St., S. F.

Bay City Flour Mills, First and Clay Sts., Oakland. Rolled barley, oats, corn, bran, middlings.

Diamond Milling Co., Balboa Bldg., S. F. **Factory**, Black Diamond.

Globe Grain and Milling Co., Montgomery and Sansome Sts., S. F.

Gould, H., 751 Washington St., Oakland. Rolled wheat and oats.

Howard Co., First and Market Sts., Oakland. Rolled barley, oats, corn, bran and middlings.

Martenstein, J. & Co., Battery and Pacific Sts., S. F. Rolled barley and oats, bran, middlings, shorts, mill run.

Port Costa Milling Co., 280 Battery St., S. F. **Factory**, So. Vallejo. Mill feeds.

Scott, Magner & Miller, 40 California St., S. F. Rolled and ground barley, rolled oats.

Somers & Co., 37 California St., S. F. Rolled barley and oats.

Southern Pacific Milling Co., Royal Insurance Bldg., S. F. Barley mills at Chualar, Gonzales, Soledad, Kings City, San Lucas, Monterey County; San Miguel, Oceano, San Luis Obispo County; Guadalupe, Lompoc, Santa Barbara, Santa Barbara County; Ventura, Saticoy, Oxnard, Camarillo, Somis, Ventura County.

Sperry Flour Co., 343 Sansome St., S. F. Mills at Stockton, Sacramento, Marysville, Chico, Paso Robles, Fresno and Los Angeles.
Stockton Milling Co., 112 California St., S. F. Mills, Stockton.
Starr, W. A., Merchants Exchange Bldg., S. F. **Factory**, Grangers, Port Costa.

FEED WATER HEATERS (See Water Heaters)

FELTS—DEADENING

Paraffine Paint Co., The, 34 First St., S. F. **Factory**, Oakland.

FENCING (See Wire Fences)

FENDERS

Golden Eagle Sheet Metal Works, The, 401 McAllister St., S. F.
West Coast Wire and Iron Works, 748 Folsom St., S. F. Wire fire place, nursery fenders.

FERTILIZERS

California Fertilizer Works, California and Market Sts., S. F. **Factory**, foot of Sixty-fifth street, Oakland. Bone and animal fertilizer.
Hawaiian Fertilizer Co., Ltd., 244 California St., S. F.
Mountain Copper Co., Ltd., The, 150 Pine St., S. F. **Factory**, Lewis. Super-phosphates.
Oakland Meat and Packing Co., Sixty-fifth and Bay Sts., Oakland. Animal fertilizers.
Pacific Bone Coal and Fertilizing Co., 617 Seventh St., S. F. **Factory**, San Mateo Co. Organic, chemical and bone coal fertilizers.
Pacific Guano and Fertilizer Co., 268 Market St., S. F. **Factory**, West Berkeley.
Western Meat Company, Sixth and Townsend Sts., S. F. **Factory**, So. San Francisco.

FILES—PAPER

Fleishhacker, A., & Co., 134 Fremont St., S. F. Paper.

FILES—STEEL (See Tools)

FILLERS

Federal Paint Co., Metropolis Bank Bldg., S. F.
Sterling Paint Co., 118 First St., S. F. **Factory**, 45 Hannah St., S. F.

FILTER CLOTHS

California Cotton Mills Co., East Oakland.

FILTERS

Main Street Iron Works, 163 Main St., S. F.

Pacific Copper Works, 573 Mission St., S. F.

Sanders & Co.'s Copper Works, 304 Howard St., S. F.

Toulouse & Delorieux Co., 489 Eighth St., S. F.

White Wallace Co., Inc., 1252 Webster St., Oakland. Cyanide mining filters. Butters patent.

FINIALS

Korbell, J. A., 783 Haight St., S. F.

Oakland Sheet Metal Works, 842 Franklin St., Oakland. For hotels and restaurants.

Schmidt, Geo. W., Heating and Ventilating Co., 1160 Webster St., Oakland.

FIRE APPARATUS

California Fire Apparatus Manufacturing Co., Jessie and New Anthony Sts., S. F. Hose reels, hook and ladder trucks, hose carts, automatic gongs.

FIRE ESCAPES (See Iron and Grille Work)**FIRE HOSE RACKS AND EQUIPMENT**

Roberts, L. V., Machine Works, 49 Clementina St., S. F.

FIRE HYDRANTS

Greenberg's, M., Sons, 225 Beale St., S. F.

Moore & Scott Iron Works, Main and Howard Sts., S. F.

Risdon Iron and Locomotive Works, First and Market Sts., S. F.

Union Iron Works Company, Twentieth and Michigan Sts., S. F.

United Iron Works, Second and Jefferson Sts., Oakland.

FIRE PLUGS

Beal & Royles Machine Works, 707 Franklin St., Oakland.

Roberts, L. V., Machine Works, 49 Clementina St., S. F.

FIREWORKS

Newton's California Fireworks Co., 249 Front St., S. F.

FITTINGS

- American Plumbers' Supply Co.**, 369 Third St., Oakland. Special vent and drainage fittings.
- Herzog & Dahl**, 150 Steuart St., S. F. All kinds of water tight fittings for marine electrical installations.
- Marine Electrical Co.**, 350 Howard St., S. F. Electrical steam and water-tight brass fittings.

FIXTURES (Bank, Bar, Office and Store)

- Advance Mill Co.**, 623 Bryant St., S. F.
- Bateman**, William, 1913 Bryant St., S. F. Store, office, bank special.
- Bradford, F. G., Mill Co.**, 3352 Eighteenth St., S. F.
- Braendlein, Geo., & Son.**, 3155 Eighteenth St., S. F.
- Brass & Kuhn Co.**, 58 Dearborn Place, S. F.
- Brunswick-Balke-Collender Co., The**, 765 Mission St., S. F.
- California Fixture Co.**, 1345 Mission St., S. F.
- Diamond Patent Show Case Co.**, 1617 Mission St., S. F.
- Emanuel, L. & E., Inc.**, 144 Twelfth St., S. F.
- Empire Planing Mill**, 744 Bryant St., S. F.
- Eureka Iron & Wire Works**, 148 Twelfth St., S. F. Brass, bronze, and copper bank and office railings.
- Fincke, Oscar**, 1916 Bryant St., S. F.
- Fink & Schindler Co., The**, 266 Thirteenth St., S. F.
- Forbes, A. J.**, 1530 Filbert St., S. F. Bank, office and store fixtures.
- Golden Gate Woodworking Co.**, 239 Seventh St., S. F.
- Herrings Mill, Inc.**, 557 Brannan St., S. F.
- Hertstein & Son, A.**, 311 Florida St., S. F.
- Home Manufacturing Co.**, 543 Brannan St., S. F.
- Huber, Frank, & Son.**, York and Mariposa Sts., S. F.
- Inlaid Floor Co.**, 398 Eddy St., S. F.
- Iowa Fixture Co., The**, 670 McAllister St., S. F.
- Klemm, J. G.**, 1901 Bryant St., S. F.
- Kulcher, S., & Co.**, 512 Fourth St., Oakland.
- Larsen, Jas., & Co.**, 396 McAllister St., S. F.
- Levi, S., Woodworking Co.**, 1446 Sixth St., S. F.
- Levin Show Case and Fixture Co.**, 710 McAllister St., S. F.
- Main Street Planing Mill Co.**, 115 Main St., S. F.
- Meek, T. H., Company**, 1165 Mission St., S. F.
- Millard, J. H., & Son.**, 587 McAllister St., S. F.
- Olson, Andrew**, 289 Fell St., S. F.

Ostrowski, Frank S., & Son, 226 Eighth St., S. F.
Potter, H. A. Co., Park and Hallick Sts., Oakland.
Prah! & Schmidt, 369 Sixth St., S. F.
Schafer, Geo., 724 Bryant St., S. F.
Schemp, J. F., 2212 Folsom St., S. F.
Simmen, John, Co., 64 Rausch St., S. F. Bank, office, store fittings,
hardwood interiors.
Sterling Showcase Mfg. Co., 760 Franklin St., Oakland.
Western Fixture Co., 1153 Sutter St., S. F.
Western Woodworking Co., 666 Guerrero St., S. F.

FIXTURES—DISPLAY

Bianchini, L., 515 Market St., S. F., Metal display fixtures.
Feintuch Display Fixture Co., 134 Sansome St., S. F.

FLAG POLES

Empire Planing Mill, 744 Bryant St., St. F.
Mercantile Box Factory, 231 Berry St., S. F.

FLAGS

Brunt, Walter N., Co., 860 Mission St., S. F.
Pasquale, B., Co., 115 Post St., S. F.
Plummer, W. A., Mfg. Co., 37 Front St., S. F.
Prior, John L., Co., 114 Main St., S. F.
Simpson & Fisher, Inc., 118 Howard St., S. F.
Thoms Awning Co., 1209 Mission St., S. F.
Weeks-Howe-Emerson Co., 51 Market St., S. F. Silk, wool, cotton.
White Webster Co., Inc., 1253 Webster St., Oakland.

FLAT IRONS

Aerial Machine and Electrical Works, 3680 Tenth St., Oakland.
Enterprise Foundry Co., 2902 Nineteenth St., S. F. Nickel-plated.

FLAVORING EXTRACTS (See Extracts—Flavoring)

FLOOR DRESSING

Consolidated Chemical Co., 612 Turk St., S. F.
Standard Oil Co., 461 Market St., S. F. Factory, Richmond.

FLOORING

Watson Floor and Roof Co., 932 Folsom St., S. F. Prepared flooring for all purposes.

FLOOR POLISH

Inlaid Floor Co., 398 Eddy St., S. F. Wax floor polish.

FLOORS—INLAID

Inlaid Floor Co., 398 Eddy St., S. F.

FLOUR

American Milling Co., The, 165 Erie St., S. F.

Bay City Flour Mills, First and Clay Sts., Oakland.

Del Monte Milling Co., Lombard and Montgomery Sts., S. F.

Diamond Milling Co., Balboa Bldg., S. F. **Factory**, Black Diamond.

Globe Grain and Milling Co., Montgomery and Chestnut Sts., S. F.

Gould, H., Co., 751 Washington St., Oakland. Whole-wheat flour, graham flour.

Howard Company, First and Market Sts., Oakland. Rye and graham flour.

Port Costa Milling Co., 208 Battery St., S. F. **Factory**, South Vallejo.

Sperry Flour Co., 343 Sansome St., S. F. **Mills**, Stockton, Sacramento, Marysville, Chico, Fresno, Salinas, Paso Robles, and Los Angeles.

Stockton Milling Co., 112 California St., S. F. **Mills**, Stockton.

FLOWER POTS

Clark, N., & Sons., 17 Spear St., S. F.

FLOWERS—ARTIFICIAL (See Artificial Flowers)**FLY WHEELS**

Meese & Gottfried Co., 55 Main St., S. F.

FOG HORNS

Ray, W. S., Manufacturing Co., 26 Steuart St., S. F.

FOODS—PREPARED

Spanish American Food Co., 180 Erie St., S. F. Tamales, enchiladas, chili con carne, karno, Spanish pepper, pork and beans, soups (20 kinds).

FORGINGS

American Tool Works, 109 Mission St., S. F. Steel.

Art Metal Works, 67 Clementina St., S. F. Hand forgings of art iron and steel.

Benicia Iron Works, Pacific Bldg., S. F. **Factory**, Benicia.

Doble, Abner Company, 411 Howard St., S. F.

Edwards, William & Co., 111 Fremont St., S. F.

Falls Manufacturing Co., 370 Fremont St., S. F.

Murray Bros. Machine Works, 231 Folsom St., S. F. Chilled and soft, and for derricks.

Pacific Rolling Mill Co., Seventeenth and Mississippi Sts., S. F.

Pennington, George W., & Sons, Inc., 313 Folsom St., S. F. Hammered steel forgings of all kinds, including propeller, thrust, intermediate, cam, rock breaker, crank shafts, connecting rods.

Risdon Iron and Locomotive Works, The, First and Market Sts., S. F. Heavy forgings, including crank shafts; light forgings, steel or iron.

Wilbert, Fred V., 220 Fremont St., S. F.

Union Iron Works Company, Twentieth and Michigan Sts., S. F.

FRAMES—PICTURE

Courvoisier, 531 Sutter St., S. F. Picture frames.

Helgeson, N. R., 2239 Fillmore St., S. F.

Schooley Manufacturing Co., 737 Battery St., S. F.

Schussler Bros., 326 Grove St., S. F. Picture frame mouldings.

Vickery, Atkins & Torrey, 550 Sutter St., S. F.

FRUIT DRYING AND PACKING

Armsby, J. K., Co., 627 Howard St., S. F. **Plants**, Marysville, Woodland, Suisun, San Jose, Alma, Los Angeles, Gilroy, Fresno, Armona.

California Fruit Canners' Association, 112 Market St., S. F. **Plants**, San Francisco, Oakland, San Leandro, Milpitas.

Castle Bros., Front and California Sts., S. F. **Plants**, San Jose, Sacramento, Fresno, Pomona, Santa Paula.

Garcia & Maggine, 302 Drumm St., S. F. **Plant**, San Francisco, Sebastopol.

Griffin & Skelley Co., 16 California St., S. F. **Plant**, Oakland.

Guggenlime & Co., California and Davis Sts., S. F. **Plants**, San Francisco, Fresno, Selma, Hanford, Santa Ana, San Jose, Rucker, College City, Colusa.

Inderrieden, J. B., Co., 112 Market St., S. F. **Plants**, Fresno, Hanford, San Jose.

Johnson Locke Mercantile Co., 210 California St., S. F. **Plant**, Hollister.

Madison & Bonner, 112 Market St., S. F. **Plants**, Sunnyvale, Reedley, Locans, Forcey, Fresno County.

Napa Valley Packing Co., 209 California St., S. F.

Otzen Packing Co., 423 Drumm St., S. F.

Phoenix Packing Co., 16 California St., S. F. **Plants**, San Jose, Fresno, Fowler, Kingsbury. Dried fruits and raisins.

Rosenberg Bros. Co., California and Front Sts., S. F.

FRUIT SLICERS

Scoville Iron Works, Second and Brush Sts., Oakland.

FUMIGATORS

Insecticide Company, The., Phelan Bldg., S. F.

FURNACES

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works**, Sunnyvale, Santa Clara Co. Quicksilver and reverberatory roasting.

National Furnace Co., 410 Folsom St., S. F. Gas and oil furnaces.

Pacific Blower and Heating Co., 3261 Seventeenth St., S. F. Heating and ventilating hot air furnaces.

Phoenix Iron Works, Second and Castro Sts., Oakland. Hot air.

Pioch, Frank J., 429 Hayes, St., S. F. Center draft gas furnaces.

Pioneer Press and Iron Works, Inc., 980 Natoma St., S. F. Furnace work.

Pittsburg Water Heater Co., 667 Mission St., S. F. Gas, Hot air.

Pumphrey & Son, 171 Twelfth St., Oakland.

Schmidt, Geo. W., Heating and Ventilating Co., 1160 Webster St., Oakland. Gas.

FURNITURE

Beach-Robinson Co., 1717 California St., S. F.

California Artistic Metal and Wire Company, 349 Seventh St., S. F. Iron lawn furniture.

Cleese, John P., Company, Inc., Eighteenth and York Sts., S. F. Couches, lounges, rockers, davenports, parlor sets.

Coulter's Rattan Works, 1141 Sutter St., S. F. Rattan, reed.

Eames Tricycle Co., 1714 Market St., S. F. Hospital furniture. Physicians' office furniture.

- Emanuel, L. & E., Inc.**, 144 Twelfth St., S. F. Church and lodge.
- Forbes, A. J., & Son.**, 1530 Filbert St., S. F. Special furniture.
- Fink & Schindler Co., The**, 226 Thirteenth St., S. F.
- Fredericks, Jos. & Co.**, 819 Ellis St., S. F. Household.
- Friedrichs, H.**, 2169 Folsom St., S. F. Tables, bureaus, washstands, chiffoniers, wardrobes, cupboards, kitchen safes.
- Haas Woodworking Co.**, 91 Minna St., S. F. Church and lodge.
- Hermann & Co.**, 961 Howard St., S. F. Church, lodge, office furniture.
- Hoey, John & Co.**, Rhode Island and Alameda Sts., S. F. Beds, couches, davenport, rockers, etc.
- Hughes, L. D.**, 240 Scott St., S. F. Rattan furniture.
- Jackson Manufacturing Co.**, 1115 Sutter St., S. F.
- Kurtz, N. M. Co.**, 919 McAllister St., S. F. Reed furniture.
- Lavenson-Schleuter Company**, 227 Post St., S. F.
- Nicoll & Co.**, 1849 Devisadero St., S. F. Small furniture.
- Oakland Rattan Co.**, Twenty-eighth St. and San Pablo Ave., Oakland.
Rattan, willow, paccarat and iccotan furniture.
- Pacific Coast Rattan Co.**, Market St. and Marshall Square, S. F. Rattan, rush and willow furniture.
- Pacific Store and Office Fixture Co.**, 3253 Sixteenth St., S. F. Special furniture.
- Prahl & Schmidt**, 369 Sixth St., S. F.
- Rother, Emil**, 1846 Devisadero St., S. F. Furniture of special designs.
- Ryno Camp Furniture Co.**, 7700 Mission St., S. F. Mission parlor and living room furniture, couches, special design work.
- Schastey & Vollmer**, 1930 Van Ness Ave., S. F.
- Sloane, W. & J., Co.**, 216 Sutter St., S. F. Special.
- Standard Furniture and Fixture Co.**, 851 Bryant St., S. F.
- Western Furniture Co**, 1407 Sixty-fourth St., Oakland. Kitchen tables and furniture.
- United Studios, Inc.**, 1146 Sutter St., S. F. To order.

FURNITURE POLISH

- Consolidated Chemical Co.**, 612 Turk St., S. F.
- Rogers, R. R., Chemical Co.**, 527 Commercial St., S. F.

FURS

- Berwin, Chas.**, 37 Grant Ave., S. F.
- Gassner, Louis, Inc.**, 116 Geary St., S. F.
- Liebes, H. & Co.**, 167 Post St., S. F.

Lofstead & Evans, Inc., 251 Post St., S. F.

Morris, Robert, 239 Geary St., S. F.

Schneider Bros., 257 Grant Ave., S. F.

Walley, E. E., 1746 Fillmore St., S. F.

FUSES

Coast Manufacturing and Supply Co., Fitchburg, Alameda Co. Safety fuses.

GALVANIZED WARE

Blakeway, John H., 105 Beale St., S. F. Galvanized sheet metal work.

Finn, John, Metal Works, 384 Second St., S. F. Galvanizing.

Herbst Mfg. Co., 1939 Mission St., S. F.

Holbrook, Merrill & Stetson, Sixth and Townsend Sts., S. F.

Ray, W. S., Manufacturing Co., 26 Steuart St., S. F.

Rulofson Metal Window Works, Eighth and Brannan Sts., S. F. Galvanized conductor pipe and gutters.

United Sheet Metal Works, 575 Howard St., S. F.

GALVANIZING

Brown's Galvanizing Works, Second and King Sts., S. F.

San Francisco Galvanizing Works, Tenth and Bryant Sts., S. F.

GARBAGE CANS (See Tanks, also see Cans)

GARBAGE INCINERATING PLANTS

Dundon, P. F., 320 Market St., S. F. For municipalities, institutions, hospitals or public buildings.

GAS APPLIANCES

Western Carbonic Acid Gas Co., Shellmound. Appliances for the use of carbonic acid gas.

GAS FIXTURES (See Lighting Fixtures)

GAS—ILLUMINATING AND FUEL

Oakland Gas, Light and Heat Co., Thirteenth and Clay Sts., Oakland.

Metropolitan Light and Power Company, 422 Sutter St., S. F.

San Francisco Gas & Electric Co., 445 Sutter St., S. F.

Solano Electric Light and Gas Co., Benicia.

GASES

Pacific Carbonic Gas Co., foot of 5th Ave., East Oakland.

Western Carbonic Acid Gas Co., Shellmound. Pure anhydrous carbonic acid gas made from magnesite.

GASOLINE (See Oils)

GAS HOLDERS

Stern Iron Works, 141 Beale St., S. F.

GAS RANGES

National Furnace Co., 410 Folsom St., S. F. Only manufacturers on Pacific Coast.

GATES

Eay Shore Wire and Iron Works, 1868 Market St., S. F. Folding gates.

California Artistic Metal and Wire Company, 349 Seventh St., S. F. Wire, folding, iron.

DeRome, Louis, Bronze Bell and Brass Foundry, 150 Main St., S. F. Bronze gates.

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works**, Sunnyvale. Water, ore bin, and reservoir.

Mission Iron Works, Mission and Twelfth Sts., S. F. Folding gates.

Sperry's Wire and Iron Works, 168 Fell St., S. F. Steel folding gates.

Vallejo Carriage Works, Inc., 729 Marin St., Vallejo. Folding gates.

West Coast Wire and Iron Works, 748 Folsom St., S. F.

GAUNTLETS (See Gloves)

GEARS

American Machine Works, 856 Franklin St., Oakland.

Auto Machine Works, 147 Twelfth St., Oakland.

Electric Novelty Works, 533 Mission St., S. F. Cutting.

Enterprise Machine Shop, 155 Twelfth St., Oakland.

Johnson Gear Co., 740 Folsom St., S. F. Cut gears of all kinds.

Meese & Gottfried Co., 55 Main St., S. F.

Pacific Gear and Tool Works, 1267 Folsom St., S. F.

Roberts, L. V., Machine Works, 49 Clementina St., S. F.

Schell, M. P., 1759 Union St., S. F. Gear cutting.

GELATINE

California Glue Works, Merchants' Exchange Bldg., S. F.

GERMAN SILVER WORK

Cleveland Faucet Co., 531 Eighth St., Oakland.

GIN

Pfaeffle, Eugene, & Co., 2049 Fifteenth St., S. F.

GINGER ALE (See Carbonating Beverages)**GLACE FRUITS**

Townsend's California Glace Fruits, Inc., 753 Market St., S. F.

GLASS—ART, LEADED, PRISM, ETC.

Acme Art Glass Company, 596 Eddy St., S. F. Stained glass windows, glass mosaics, lamp shades, and hard metal work.

American Luxfer Prism Co., 245 Fell St., S. F. Prism glass.

California Art Glass B. and C. Works, Inc., 768 Mission St., S. F. Church memorial windows, ornamental and plain leaded glass, glass bending, beveling, staining, ornamental glass cutting cutting, art glass mosaics.

California Door Co., The, 43 Main St., S. F. **Factory**, Oakland. Leaded and art glass.

Dwan, J. E., & Co., 149 Tehama St., S. F. White structural glass articles, luxfer prism skylights, windows and canopies, sidewalk lights.

Holt, Habenicht & Howlett, 285 Fell St., S. F.

Home Art Glass Works, 202 Polk St., S. F.

Ingerson & Glaser Co., 245 Fell St., S. F. Prism and leaded glass.

Munich Art Glass Co., 667 Mission St., S. F. Leaded glass, stained or art glass, art glass shades and domes, glass mosaic.

San Francisco Art Glass Works, 944 Mission St., S. F. Stained glass, memorial and figure windows for churches, art, mosaic and acid-etched glass, lamp shades.

Thomas & Schneider Art Glass Co., 610 Howard St., S. F. Windows, mosaics, lamp shades.

United Glass Works, Inc., 115 Turk St., S. F. Windows, domes, lamp shades, mosaics.

GLASS APPARATUS—SCIENTIFIC

Lamont, G. E., 1886 Mission St., S. F.

GLASSES AND JARS

Illinois-Pacific Glass Company, Fifteenth and Folsom Sts., S. F.

GLOVES—MITTENS—GAUNTLETS

Asbestos Mfg. and Supply Co., 15 Fremont St., S. F. Asbestos.

Block, H. & L., 149 Second St., S. F. Gloves and gauntlets.

Blumenthal Glove Co., 86 Third St., S. F. **Factory**, Napa. Working, driving, street, lined, fur top gloves, mittens, gauntlets.

Busby, Fred H., 1453 Adeline St., Oakland.

Carson Glove Co., Inc., San Rafael.

Empire Glove Works, 170 Second St., S. F. Men's and women's working, driving and dress gloves, gauntlets, mittens, lined and unlined.

Farrant & Co., 3602 Mission St., S. F. Gloves and gauntlets.

Hodkins, M. W., Co., The, 1115 Seventh St., Oakland.

Standard Glove Works, 89 Battery St., S. F.

Zuver Bros. & Davidson, 530 San Pablo Ave., Oakland.

GLUE

California Glue Works, Merchants Exchange Bldg., S. F.

Challenge Glue Co., Sixteenth Ave. So. and F. St., S. F.

Pacific Bone Coal and Fertilizing Co., 617 Seventh St., S. F. **Factory**, San Mateo.

Western Meat Co., Sixth and Townsend Sts., S. F. **Factory**, South San Francisco.

GLYCERINE

Peet Bros. Mfg. Co., 628 Third St., S. F. Chemically pure.

GO CARTS

Alameda Wicker Works, 1526 Park St., Alameda. Wicker.

Kurtz, N. M., Co., 919 McAllister St., S. F.

Pacific Coast Rattan Co., Market St. and Marshall Square, S. F.

GONGS (See Bells, Gongs)

GOVERNORS

Staples & Pfeiffer, 102 Steuart St., S. F., Oil pump.

Witt, G. E., Company, 850 Howard St., S. F. Pump governors, automatic oil burners.

GRADERS—APPLE (See Apple Graders)

GRAIN AND BEAN CLEANING

Haslett Warehouse Co., 310 California St., S. F.

Southern Pacific Milling Co., Royal Insurance Bldg., S. F. **Plants at** Salinas, Chualar, Gonzales, Soledad, Kings City, San Lucas, Monterey County; San Luis Obispo, Edna, Oceano, San Luis Obispo County; Guadalupe, Lompoc, Santa Barbara, Carpinteria, Santa Barbara County; Ventura, Montalvo, El Rio, Saticoy, Santa Paula, Oxnard, Camarillo, Somis, Ventura County.

GRAIN (See Feeds)**GREASE—CYLINDER**

Clinch, C. G., 156 King St., S. F.

Standard Oil Co., 461 Market St., S. F.

GREASES

California Glue Works, Merchants Exchange Bldg., S. F.

California Tallow Works, 50 California St., S. F.

Capitol Refining Co., 268 Market St., S. F. **Factory**, Stockyards, Alameda County. Cup greases.

Monarch Oil Refining Co., 90 Clay St., S. F. **Factory**, West Berkeley.

Nason, R. N., & Co., 151 Potrero Ave., S. F. Machinery and Axles.

Pacific Bone Coal and Fertilizing Co., 617 Seventh St., S. F. **Factory**, San Mateo County.

Standard Oil Co., 461 Market St., S. F. **Factory**, Richmond.

GRILLE WORK (See Iron and Grille Work)**GRINDERS**

Scoville Iron Works, Second and Bush Sts., Oakland. Toric lens and plain surface.

GUNBOATS (See Ship Building)**GYMNASIUM APPARATUS**

Haas Woodworking Co., 91 Minna St., S. F.

GUARDS—WIRE

West Coast Wire and Iron Works, 748 Folsom St., S. F. Window, sky-light, stall guards, fireplace guards.

GUM—CHEWING

Newton Gum Co., 737 Battery St., S. F.

HAIR—CURLED

Pacific Curled Hair Co., Army and Kansas Sts., S. F. Curled hair for mattresses, pillows, etc.

HALF TONE ENGRAVINGS

Britton & Rey, 522 Sacramento St., S. F.

Brown, Wm., Engraving Co., Inc., 140 Second St., S. F.

Commercial Art Co., 53 Third St., S. F.

Crocker, H. S., & Co., 230 Brannan St., S. F.

Sierra Art and Engraving Co., Front and Commercial Sts., S. F.

HAM (See Packing House Products)**HAMMERED METAL WORK**

Art Metal Works, 67 Clementina St., S. F. Hammered art copper and brasses.

Bechtel, Otto, 1828 Lincoln Ave., Alameda.

HAMMOCKS

Nossen, J., 68 Clay St., S. F.

Plummer Mfg. Co., W. A., 37 Front St., S. F.

Sun Tent and Awning Co., 52 Washington St., S. F. Canvas.

Thoms Awning Co., 1209 Mission St., S. F.

HARDWARE

Empire Foundry Co., Inc., 433 Third St., Oakland. Hardware specialties.

Falls Manufacturing Co., 370 Fremont St., S. F.

Western Brass and Plating Works, 174 Minna St., S. F. Marble hardware, builders' and electrical hardware specialties.

HARNESS

Grubb, R., Co., 155 Second St., S. F.

Hurton, D., 1275 Mission St., S. F.

Johnson, F. S., Company, 570 Howard St., S. F. Driving and work harness.

Keyston Bros., Second and Minna Sts., S. F.

Kiel Evans Co., Fourth and Minna Sts., S. F.

Leibold & Co., 11 Front St., S. F.

Lemon, W. F., 820 Broadway, Oakland.

Pacific Harness Co., 186 Twelfth St., Oakland.

Waggenmann & Son, C., 483 Third St., S. F.

HARROWS (See Farming Implements)

HATS

Bloom Bros., 109 New Montgomery St., S. F.

California Hat Co., 280 Minna St., S. F. Ladies' and children's straw, felt and silk hats.

Dewey Gubin & Co., 760 Mission St., S. F.

Goldman Bros., 718 Mission St., S. F.

Leyser Green Co. of Cal., 2401 Seventeenth St., S. F.

Lundstrom Hat Works, The, 1178 Market St., S. F. Felt.

McCreedy Hat Co., 332 Clementina St., S. F. Stiff and soft fur felt hats.

McDowell Co., Twenty-first and Brush Sts., Oakland. Ladies' straw and felt hats.

Triest & Co., 738 Mission St., S. F.

HAWSERS—TOWING (See Cordage)

HEADACHE POWDERS

Weck, F. A., Co., 2510 Shattuck Ave., Berkeley.

HEATING AND VENTILATING PLANTS

Mangrum & Otter, 561 Mission St., S. F.

HIGH PRESSURE WATER SYSTEM EQUIPMENT

Union Iron Works Company, Twentieth and Michigan Sts., S. F.

HINGES

Collins, W. P., Co., 174 Minna St., S. F. Spring hinges.

Western Brass and Plating Works, 174 Minna St., S. F.

HOISTS

Bay City Iron Works, 695 Washington St., S. F. Portable electric and gasoline hoists for brick contractors and builders.

Butte Engineering and Electric Co., 683 Howard St., S. F.

Compressed Air Machinery Co., The, Stevenson & Ecker Sts., S. F.
Steam or electric.

Hendy, Joshua, Iron Works, 75 Front St., S. F. **Works**, Sunnyvale, Santa Clara County. Mine hoists, hoisting machinery, crabs and winches.

Main Street Iron Works, 163 Main St., S. F. Cargo and anchor hoists, steam and electric hoists, portable derrick hoists.

San Francisco Engineering Co., 322 Sixth St., S. F. Motor and belt-driven hoists.

United Engineering Works, 244 Spear St., S. F.

HONEY (See Syrups)

HOOF PASTES

Manhattan Food Co., 1001 E. Fourteenth St., Oakland.

HOOK AND LADDER TRUCKS (See Fire Apparatus)

HORSE CLIPPERS

Patterson Oil Burner and Clipper Co., 5312 E. Fourteenth St., Oakland.

HORSE COLLARS (See Harness)

HOSE—RUBBER

American Rubber Mfg. Co., 112 Market St., S. F. **Factory**, Emeryville. Rubber hose.

Bowers Rubber Works, 68 Sacramento St., S. F. **Factory**, Black Diamond. Rubber hose.

White Wallace Co., Inc., 1252 Webster St., Oakland. Mining and irrigating.

HOSIERY

Gantner & Mattern Co., Grant Ave. and Post St., S. F.

HOSE WAGONS AND CARTS (See Fire Apparatus)

HOSPITAL APPLIANCES

Eames Tricycle Co., 1714 Market St., S. F. Invalid wheel chairs, tricycle chairs, hospital furniture.

Rudgear-Merle Co., 192 Bay St., S. F.

HYDRANTS (See Castings, also see Fire Hydrants)

ICCOTAN GOODS (See Rattan Goods)

ICE

California Ice Co., 460 Second St., Oakland.

National Ice and Cold Storage Co., 268 Market St., S. F.

Pacific Ice and Cold Storage Co., 268 Market St., S. F. **Factory**, Stanford and Lowell Sts., Oakland.

ICE CREAM AND WATER ICES

Arctic Ice Cream Supply Co., Inc., 224 Eighth St., S. F.

Barton-Stephenson Co., 1109 Broadway, Oakland.

Lehnhardt, E., 1157 Broadway, S. F.

Mangold & Son., C., 844 Virginia St., Vallejo.

Maplewood Cream Co., 555 Eleventh St., Oakland.

Merchants' Ice and Cold Storage Co., Lombard and Sansome Sts., S. F.

Orange Grove Ice Cream Co., 116 Telegraph Ave., Oakland.

Royal Creamery, 319 Twelfth St., Oakland.

Standeford, W. B., 1064 Washington St., Oakland.

Sugarie, Inc., The, 409 Crocker Bldg., S. F.

ICE CREAM CORNUCOPIAS

American Cone Mfg. Co., 722 Gough St., S. F.

California Specialty Mfg. Co., 618 Franklin St., S. F.

INCANDESCENT ELECTRIC LAMPS

Oakland Warehouse Co., 1074 Clay St., Oakland. Lamps made in the east and inside wiring done here.

INCINERATING PLANTS (See Garbage Incinerating Plants)**INKING PADS**

Patrick & Co., 560 Market St., S. F.

INKS

Ault & Wiborg Co., The, 545 Mission St., S. F. Printing and lithographic inks.

California Ink Co., 33 Clementina St., S. F. **Factory**, West Berkeley. Lithographic and printing, printer's rollers, hectograph composition and rubber stamp inks.

Pacific Bank Note Co., 515 Thirty-sixth St., Oakland. Manufacturing inks for copper plate printing and embossing.

Reed, Geo. Russell, Co., 645 Battery St., S. F. Printers.

Scott & Gilbert, 45 Ecker St., S. F.

INSECTICIDES

Hockwold Chemical and Disinfecting Co., 2211 Bush St., S. F.

Insecticide Co., The, Phelan Bldg., S. F.

Rogers, R. R., Chemical Co., 527 Commercial St., S. F.

INSTRUMENT MAKING

Electric Novelty Works, 533 Mission St., S. F.

Lietz, A., Co., The, 632 Commercial St., S. F. Nautical.

Luderman, A. W., 213 Telegraph Ave., Oakland. Surgical instruments.

Olson, W., 1308 Clay St., Oakland. Surgical instruments.

Schell, M. P., 1759 Union St., S. F. Scientific and electrical.

Weule, Louis Co., 106 Steuart St., S. F. Nautical.

INTERIOR WOODWORK FITTINGS

Fink & Schindler Co., The, 226 Thirteenth St., S. F.

Harmon, S. H., Lumber Co., Fifth and Bryant Sts., S. F.

Hodge & Collins Lumber Co., East Twelfth St. and Eighteenth Ave.,
Oakland.

Levi, S., Woodworking Co., 446 Sixth St., S. F.

Meek Company, T. H., 1165 Mission St., S. F.

Reilly, P. F., Co., 1840 Fifteenth St., S. F.

Reliance Mill and Lumber Co., 1249 E. Fourteenth St., Oakland.

National Lynwood Company, Inc., 310 California St., S. F.

Ostrowski, Frank S., & Son., 226 Eighth St., S. F.

Western Fixture Co., 1153 Sutter St., S. F.

Western Woodworking Co., 666 Guerrero St., S. F. Hardwood.

Zenith Mill and Lumber Co., 1051 E. Twelfth St., Oakland.

INTERLOCKING STONES

Interlocking Stone Co., 561 Ninth St., Oakland. Reinforced interlocking
concrete stones.

INVALID WHEEL CHAIRS

Eames Tricycle Co., 1714 Market St., S. F.

IRON BOXES (Electrical)

United Sheet Metal Works, 575 Howard St., S. F. Iron boxes for panels
and switchboards.

IRON AND GRILLE WORK

- Acme Iron and Wire Works**, 485 Sixth St., S. F. Brass, iron, grilles and ornamental work, fire escapes, bank and office railings, elevator cabs and enclosures.
- Architectural Iron Works**, 623 Minna St., S. F.
- Art Metal Works**, 67 Clementina St., S. F. Bank and elevator enclosures, hand forgings of art iron and steel, antique metal work.
- Bay Shore Iron and Grille Works**, 1868 Market St., S. F. Fire escapes, folding gates, pipe and wrought-iron fences, chimney rings.
- Bell & Phister**, 211 Eighth St., S. F.
- California Artistic Metal and Wire Co.**, 349 Seventh St., S. F.
- Central Iron Works**, 621 Florida St., S. F.
- Eureka Iron and Wire Works**, 148 Twelfth St., S. F.
- Golden Gate Structural and Ornamental Iron Works**, 1435 Mission St., S. F. Cast iron and iron stairs; fire escapes, elevator enclosures, grille and wire work, steel frame, patent sidewalk doors.
- Jauson Iron Works**, 6420 San Pablo Ave., Oakland. Fire escapes, folding gates, stairs, vault linings, jails, waterproof sidewalk elevator doors.
- Keystone Ornamental Iron and Bronze Works**, 350 Tenth St., S. F.
- McGuigan, John, & Co.**, 280 Seventh St., S. F. Sidewalk lights and doors.
- Mission Iron Works**, Mission and Twelfth Sts., S. F. Folding gates, iron, brass and bronze grilles, fire escapes, trap doors, iron fences, girders, gratings.
- Oakland Wire Works**, 1008 Franklin St., Oakland. Stall guards, folding gates, elevator guards, skylight guards, grille work, bicycle carrier gates.
- Phoenix Iron and Sheet Metal Works**, 548 Bryant St., S. F.
- Ralston Iron Works**, Twentieth and Indiana Sts., S. F.
- Rudgear-Merle**, 200 Bay St., S. F.
- Sartorius Company**, Fifteenth and Utah Sts., S. F.
- Schrader Iron Works**, 1247 Harrison St., S. F.
- Security Iron and Wire Works**, 943 Montgomery St., S. F. Elevator enclosures, grille work.
- Sperry's Wire and Iron Works**, 168 Fell St., S. F. Steel folding gates, iron grilles, elevator enclosures, gratings.
- Standard Iron Works**, 662 Seventh St., S. F. Store fronts, railings, stairs, elevator enclosures, fire escapes, grille work posts, fences, gates, newels.
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Vallejo Carriage Works, Inc., 729 Marin St., Vallejo. Fire escapes, folding gates.

Vulcan Iron Works, 604 Mission St., S. F.

West Coast Wire and Iron Works, 748 Folsom St., S. F. Iron fences, pipe railings, stair railings, fire escapes, settees, window grilles, car gates, steel folding gates, elevator cabs, elevator enclosures, bank and office railings and wickets, coin cages, jail grilles, asylum grilles, grille balcony railings.

Western Art Metal and Wire Co., 441 Fifth St., S. F. Window grilles and doors, fire escapes, store fronts.

Western Iron Works, 141 Beale St., S. F.

Zenith Iron Works, Mariposa and Texas Sts., S. F.

IRON—ORNAMENTAL

Monarch Iron Works, 1161 Mission St., S. F.

North Star Iron Works, 1271 Folsom St., S. F.

Pacific Structural Iron Works, 370 Tenth St., S. F.

Ralston Iron Works, Twentieth and Indiana Sts., S. F.

San Francisco Iron Works, 35 Shotwell St., S. F.

Schrader Iron Works, 1247 Harrison St., S. F.

Western Art Metal and Wire Co., 441 Fifth St., S. F.

Withington Iron Works, 416 Second St., S. F.

Zenith Iron Works, Mariposa and Texas Sts., S. F.

IVORY WORK

Haas Woodworking Co., 91 Minna St., S. F. Elephant and walrus ivory work.

JACKS

Schneider, A., Engineering Works, 1414 Fifteenth St., S. F.

Toulouse & Delorieu Co., 489 Eighth St., S. F. Wrecking jack screws.

JAIL WORK

Jauson Iron Works, 6420 San Pablo Ave., Oakland.

Herman Safe Co., The, 120 Folsom St., S. F.

Western Iron Works, 141 Beale St., S. F. Jail cells.

JAMS, JELLIES, PRESERVES

Long Syrup Refining Co., Sixteenth and Division Sts., S. F.

Pacific Coast Syrup Co., 713 Sansome St., S. F.

Wright, E. A., 2160 Chestnut St., S. F.

JAPANS (See Varnishes)

JAPANNED WARE

Holbrook, Merrill & Stetson, Sixth and Townsend Sts., S. F.
Ray, W. S., Manufacturing Co., 26 Steuart St., S. F.

JEWELRY

Hammersmith & Co., Sutter St. and Grant Ave., S. F.
Jackson, Herbert H., Co., 355 Thirteenth St., Oakland.
Ott, H. L., 1063 O'Farrell St., S. F.
Shreve & Co., Post St. and Grant Ave., S. F. Diamond and gold.
Sorenson Company, 715 Market St., S. F.

JEWELERS' TRAYS

Muhs & Lochbaum Co., 114 Kearny St., S. F. Velvet, silk, leather.

JIGS

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. Works, Sunnyvale.

JOURNAL BOXES

Pelton Water Wheel Co., The, Monadnock Bldg., S. F.

JUNCTION BOXES

Herzog & Dahl, 150 Steuart St., S. F.
Marine Electric Co., 350 Howard St., S. F. Electrical steam and water tight boxes.

KALSOMINE (See Paint)**KEGS (See Barrels and Drums)****KHAKI GOODS**

Armer, A. M., & Co., 760 Mission St., S. F. Coats and pants.
Easton, D. A., & Co., 117 Grant Ave., S. F. Khaki suits.
Smith, Cassidy & Co., 594 McAllister St., S. F.

KITCHEN EQUIPMENT

Fenton & Son, 15 Tehama St., S. F. Hotel kitchen ware in copper, tin and galvanized iron.
Ils, John G., & Co., 827 Mission St., S. F. Hotel kitchen equipment and utensils.
Mangrum & Otter, Inc., 561 Mission St., S. F. Hotel kitchen and restaurant equipment, steam tables, plate warmers, ovens, coffee urns.
Pacific Copper Works, 573 Mission St., S. F. Copper kitchen utensils for hotels and restaurants.

KNITTED GOODS

Acme Knitting Co., Inc., 115 Natoma St., S. F.

Gantner & Mattern Co., Grant Ave. and Post St., S. F.

Pfister, J. J., Knitting Co., 739 Market St., S. F.

KNIVES

San Francisco Saw and Tool Works, 105 Fremont St., S. F. Planing, molding and sticker knives.

LABELS

California Cannery Association, Label Dept., 120 Market St., S. F.
Factory, First and Filbert Sts., Oakland.

Freygang Printing Co., 1322 Howard St., S. F.

Galloway Lithographing Co., The, Inc., 515 Howard St., S. F.

Hansen Company, The, 255 Natoma St., S. F. For brewers, wine merchants and cannery.

Hyman Bros. Box and Label Co., 33 Clementina St., S. F.

Janssen Lithogravure and Label Co., 533 Mission St., S. F.

McNeil Bros., Inc., 788 McAllister St., S. F. Druggists.

Olsen Lithograph Co., 330 Jackson St., S. F.

Pacific Label Co., 52 Second St., S. F. Druggists.

Pingree & Brengel, Inc., 172 Duboce Ave., S. F.

Schmidt Lithograph Co., Second and Bryant Sts., S. F.

LABORATORY PRODUCTS

Boericke & Runyon Co., 140 Powell St., S. F.

LADDERS

California Barrel Co., Monadnock Bldg., S. F.

Henderson Manufacturing Co., 710 E. Twelfth St., Oakland. Telescope extension ladders and step ladders.

Union Blind and Ladder Co., 2243 Peralta St., Oakland. Stair, step, extension, orchard and ball bearing rolling store ladders.

LAMPS, LANTERNS, LIGHTS

Bauer Lamp Reflector and Electric Sign Co., 528 Gough St., S. F.

Boesch Lamp Co., Inc., 1135 Mission St., S. F. Lamps, lanterns, angle lamps, headlights, automobile, railroad and marine lamps.

DeLano Bros., 70 Spear St., S. F. Ship brass side lights.

Kingwell, L., 1038 Mission St., S. F. Brass port lights for ships.

LaHaye Mfg. Co., 298 Eleventh St., S. F. Automobile lamps.

Lamont, G. E., 1886 Mission St., S. F. Miniature electric and incandescent lamps.

Moerison & Bevilockway Co., 110 Steuart St., S. F. Ships.

Ray, W. S., Manufacturing Co., 26 Steuart St., S. F.

Roth, A. N., Mfg. Co., 1175 Mission St., S. F. Lamps and lanterns.

LAMP SHADES

California Pleating Co., 270 Sutter St., S. F. Silk pleated.

LAP ROBES

Sun Tent and Awning Co., 52 Washington St., S. F.

LARD

California Fertilizing Works, 1332 Fifth Ave., S. F.

Oakland Meat and Packing Co., Sixty-fifth and Bay Sts., Oakland.

Roth, Blum Co., 50 California St., S. F.

LAUNDRY ACCESSORIES

Therien, J. H., Laundry Machine Man'f., 64 Clementina St., S. F.

LAUNDRY DRYERS

Pacific Blower and Heating Co., 3261 Seventeenth St., S. F.

LAUNDRY TRAYS

California Cement Wash Tray Co., 375 Guerrero St., S. F. Cement.

Gladding McBean & Co., Crocker Bldg., S. F. Works, Lincoln, Placer County.

Peerless Mfg. Co., 366 Eleventh St., S. F. Cement.

Slater, G. W., & Son, 1420 San Pablo Ave., Oakland. Cement.

Steiger Terra Cotta and Pottery Works, Mills Bldg., S. F.

LEATHER

Balz Bros. & Finkeldey, 1445 San Bruno Ave., S. F. Oak tanned sole, harness, skirting and cap leathers.

Bloom, Samuel & Sons Co., 2734 Army St., S. F. Glove, shoe, saddlery and art leather.

Brown & Adams Co., 431 Battery St., S. F. Factory, East Oakland.

- Eagle Tannery**, Twenty-sixth St. and San Bruno Road, S. F. Harness, skirting, sole.
- Frank & Co., S. H.**, 416 Battery St., S. F. **Factory**, Redwood City. Sole, harness, saddle.
- Krieg Tanning Co.**, 1703 San Bruno Ave., S. F.
- Kron Tanning Co.**, 121 Clay St., S. F. **Tannery**, Santa Cruz. Sole and rough leather.
- Kullman, Salz & Co., Inc.**, Benicia. Sole, harness and skirting cut stock.
- Legallet Hellwig Tanning Co.**, Sixth Ave. S., between P and O Sts., S. F. Glove leather.
- Levy, Isaac**, 1412 Bush St., S. F. Wool pullers and tanners of sheep skins.
- Manasse-Block Tanning Co.**, West Berkeley. Chrome sole, shoe upper, glove, chup rawhide lace and automobile tire leather.
- McKay Leather Co., Inc.**, Benicia. Harness and sole.
- Norton Tanning Co., The**, 316 Clay St., S. F. Russian calf in colors for shoes, lightweight leathers for modelling, stamping, art work, velvet sheep and calf, trunk and bag leather.
- Patrick, A. B., Company**, Sixth Ave., S., S. F. Tanners of oak sole leather, harness and skirting leather.
- Sunset Tanning Co.**, 1501 San Bruno Ave., S. F.
- Taaffe, Wm. Tanning Co.**, Monadnock Bldg., S. F. Sheep skin and goat leathers for gloves, bags, art purposes, aprons, rugs, chaps, harness and lithographic trade.

LEATHER GOODS

- San Francisco Art Leather Co.**, 90 Second St., S. F. All kinds of stamped and plain leather goods.
- Shreve & Co.**, Post St. and Grant Ave., S. F.
- Spaulding Novelty Co.**, 693 Mission St., S. F.

LETTER FILES

- Fleishhacker, A., & Co.**, 134 Fremont St., S. F. Paper.

LIGHTHOUSES AND EQUIPMENT

- Ray, W. S., Manufacturing Co.**, 26 Steuart St., S. F. Marine.

LIGHTING FIXTURES

- Adams & Hollopeter**, 745 Mission St., S. F. Gas and electric.
- Bauer Fixture Co.**, 126 Jones St., S. F.
- Bechtle, Otto**, 1828 Lincoln Ave., Alameda.

California Gas Fixture Co., 357 Ellis St., S. F.

Century Electric and Fixture Co., 1375 Broadway, Oakland. Gas and electric fixtures.

Day, Thomas, Co., 725 Mission St., S. F. Gas and electric.

Ickelheimer Bros. Co., 439 Sutter St., S. F. Gas and electric.

Roberts Manufacturing Co., 663 Mission St., S. F.

Shermund & Krauss, 1433 Mission St., S. F.

United Lighting Fixture Co., 1163 Howard St., S. F.

United Studios, Inc., 1146 Sutter St., S. F. Carved wood lighting fixtures.

LIGHTS

Jackson, P. H., Company, 225 First St., S. F. Floor and roof lights.

LIME BURNING PLANTS

Mutual Engineering Co., 1550 Bryant St., S. F.

LIME AND PLASTER

California Rex Spray Co., Benicia. Lime solutions.

Carbonic Dioxide Corporation, The, West Berkeley.

Cowell, Henry, Lime and Cement Company, 95 Market St., S. F. **Works**, Santa Cruz and Rincon. Lime, diamond lime, lime rock and bituminous rock.

Cowell Portland Cement Co., 95 Market St., S. F. Crushed and lump lime rock. **Factory**, Cowell, Contra Costa County.

Hydrate Lime and Plaster Co., The, 185 Stevenson St., S. F. Hydrated lime, plaster.

Holmes Lime Co., Mutual Bank Bldg., S. F. **Plants**, Newcastle, Santa Cruz and Colfax.

LINE CUTS

Crescent Blue Printing Co., 612 O'Farrell St., S. F.

LINENS

Carlson Currier Co., 110 Sansome St., S. F. **Factory**, Petaluma. Stamped or traced linens.

LITHARGE

National Lead Co. of California, Merchants Exchange Bldg., S. F. **Factory**, Selby, Cal.

LITHOGRAPHS

Britton & Rey, 522 Sacramento St., S. F.
 Brown & Power, 327 California St., S. F.
 California Lithograph Company, 509 Sansome St., S. F.
 Crocker, H. S., Co., 230 Brannan St., S. F.
 Freygang Printing Co., 1322 Howard St., S. F.
 Galloway Lithographing Co., Inc., The, 515 Howard St., S. F.
 Gottschalk, L. A., 718 Mission St., S. F.
 Mysell-Rollins Bank Note Co., 32 Clay St., S. F.
 Olsén, O. E., Lithograph Co., 330 Jackson St., S. F.
 Pacific Lithograph Co., 311 Battery St., S. F.
 Schmidt Lithograph Co., Second and Bryant Sts., S. F.
 Union Lithograph Company, The, 741 Harrison St., S. F.

LOCOMOTIVES

Risdon Iron and Locomotive Works, The, First and Market Sts., S. F.

LOOKING GLASSES (See Mirrors)**LOOSE LEAF LEDGERS**

Britton & Rey, 522 Sacramento St., S. F.
 Freygang Printing Co., 1322 Howard St., S. F.
 Hicks-Judd Company, The, 270 Valencia St., S. F.
 Kitchen, John, Jr., Co., 67 First St., S. F.
 Levison Printing Co., 1532 California St., S. F.
 McBride Ledger Manufacturing Co., 338 Pine St., S. F.
 Murdock & Co., C. A., 68 Fremont St.
 Neal Publishing Co., 66 Fremont St., S. F.
 Payot, Stratford & Kerr, 62 Fremont St., S. F.
 Union Lithograph Company, The, 741 Harrison St., S. F.
 Upham, Isaac Co., 104 Battery St., S. F.
 Verleger & Guscetti, Front and Jackson Sts., S. F.

LUBRICATING COMPOUND

Whittier, Coburn Co., 301 Howard St., S. F.

LUMBER—HARDWOOD

Dieckmann Hardwood Co., 244 California St., S. F. Mahogany, primavera, Spanish cedar, genisaro, oak (Siberian), koa (Hawaiian).
 Niehaus & Co., Inc., Edw. F., 564 Brannan St., S. F. Oak, mahogany, Spanish cedar, koa, genisaro.

White Bros., Spear and Howard Sts., S. F. Mill, Petaluma. Oak, mahogany, Spanish cedar, genisaro, primavera, African mahogany, Philippine mahogany and koa.

LUMBER—PINE (California White)

El Dorado Lumber Co., 322 Montgomery St., S. F. Mill, Camino, El Dorado Co.

La Moine Lumber and Trading Co., 16 California St., S. F. Mill, La Moine, Shasta Co. California white pine and sugar pine.

Roberts Lumber Co., Mills Bldg., S. F. Mill, Loyalton, Plumas Co.

Truckee Lumber Co., First National Bank Bldg., S. F. Mill, Oroville.

Weed Lumber Co., Flood Bldg., S. F. Mill, Weed, Shasta Co.

White Lumber Co., L. E., Balboa Bldg., S. F. Mills, Greenwood and Point Arena, Mendocino Co.

LUMBER—REDWOOD

Albion Lumber Co., 145 Berry St., S. F. Mill, Albion, Mendocino Co.

Bayside Lumber Co., 1 Drumm St., S. F. Mill, Eureka, Humboldt Co.

Caspar Lumber Co., Kohl Bldg., S. F. Mill, Caspar, Humboldt Co.

Eel River Valley Lumber Co., 16 California St., S. F. Mill, Newburg, Humboldt Co.

Dolbeer & Carson Lumber Co., Merchants Exchange Bldg., S. F. Mill, Eureka, Humboldt Co.

Hammond Lumber Co., Merchants Exchange Bldg., S. F. Mill, Eureka, Humboldt Co.

Hobbs, Wall & Co., Fife Bldg., S. F. Mill, Crescent City, Del Norte Co.

Holmes Eureka Lumber Co., Monadnock Bldg., S. F. Mill, Eureka, Humboldt Co.

McKay & Co., 110 Market St., S. F. Mill, Eureka, Humboldt Co.

Metropolitan Redwood Lumber Co., 1 Drumm St., S. F. Mill, Metropolitan, Humboldt Co.

Northern Redwood Lumber Co., 16 California St., S. F. Mill, Korbelt, Humboldt Co.

Pacific Lumber Co., The, 16 California St., S. F. Mill, Scotia, Humboldt Co.

Pope & Talbot, foot of Third St., S. F.

Stearns Lumber Co., Flood Bldg., S. F. Mill, Wendling, Mendocino Co.

Union Lumber Co., Crocker Bldg., S. F. Mills, Mendocino and Fort Bragg, Mendocino Co.

White Lumber Co., L. E., Balboa Bldg., S. F. Mills, Greenwood and Point Arena, Mendocino Co.

MACARONI (See Pastes)**MACARONI PRESSES**

Rossi, A., & Co., 322 Broadway, S. F.

MACHINE FLUIDS

Rogers, R. R., Chemical Co., 527 Commercial St., S. F.

MACHINERY—BOTTLERS

Illinois-Pacific Glass Company, Fifteenth and Folsom Sts., S. F.

Schneider, A., Engineering Works, 1414 Fifteenth St., S. F. Automatic bottle-making machines.

MACHINERY—CANNING

Christensen, A. D., 5201 E. Fourteenth St., Oakland.

Continental Machine Works, 706 Broadway, Oakland.

Gray, J. A., Company, Eighteenth and Bryant Sts., S. F.

Rossi, A., & Co., 322 Broadway, S. F.

MACHINERY—CONCRETE

Interlocking Stone Co., 561 Ninth St., Oakland. Mixing, moulding and pressing machinery.

Mutual Engineering Co., 1550 Bryant St., S. F.

MACHINERY—DREDGING

Golden State and Miners Iron Works, 237 First St., S. F.

Main Street Iron Works, 163 Main St., S. F.

Mutual Engineering Co., 1550 Bryant St., S. F.

Risdon Iron and Locomotive Works, The, First and Market Sts., S. F.
Gold dredging machinery, clam shell dredges, suction dredges.

United Iron Works, Second and Jefferson Sts., Oakland. Dredging pumps, suction dredges, automatic gravel excavators for gold dredging.

MACHINERY—ELECTRICAL

Baker, M. C., & Son, 61 Second St., S. F.

MACHINERY—ELEVATING AND CONVEYING

Bay City Iron Works, 695 Washington St., S. F.

Meese & Gottfried Co., 55 Main St., S. F.

MACHINERY—(General Machine Shops)

- Acme Iron and Wire Works, 37 Boardman Place, S. F.
Acme Machine Works, 19 Tehama St., S. F.
Aicher Machine Works, 1650 Stockton St., S. F.
American Tool Works, 109 Mission St., S. F.
Atlas Brass Works, 833 Folsom St., S. F.
B. W. S. Machine and Engineering Co., 3648 Eighteenth St., S. F.
Bay Shore Machine and Electric Works, 40 Tehama St., S. F.
Binns, W. H., Machine and Tool Works, 416 Harrison St., S. F.
Blasauf & Sunkel, 81 City Hall Ave., S. F.
Bleuler & Tennler, 40 Sacramento St., S. F.
Brunig's Machine Works, 516 Brannan St., S. F.
Busch Mfg. Co., 389 Eighth St., S. F.
California Brass and Bell Foundry, 1038 Mission St., S. F.
California Plating Works, 25 Zoe Sts., S. F.
California Tool Works, 143 Beale St., S. F.
Carr Foundry and Machine Works, 932 Folsom St., S. F.
Castle, James B., Co., 412 Main St., S. F.
Christie Machine Works, 193 Fremont St., S. F.
Clot & Christ Machine Works, 940 Bryant St., S. F.
Columbia Machine Works, 215 Spear St., S. F.
Conens & Wuesthoff, 704 Bryant St., S. F.
Cyclops Iron Works, 223 Main St., S. F.
Davis, Norris K., Machine Works, Seventh and Harrison Sts., S. F.
Delanoy Mfg. Co., 292 Second St., S. F.
Derby Machine Co., 390 Fulton St., S. F.
Dibert, L. C., Co., 400 Seventh St., S. F.
Eames Tricycle Co., 1714 Market St., S. F.
Evans, C. H., & Co., 183 Fremont St., S. F.
Franklin Machine Co., 21 Spear St., S. F.
Galli Machine Works, 429 Tehama St., S. F.
General Tool and Machine Works, 111 Eleventh St., S. F.
Golden Gate Machine Works, 211 Main St., S. F.
Golden State and Miners Iron Works, 231 First St., S. F.
Gray, J. A., & Co., Eighteenth and Bryant Sts., S. F.
Greenberg's Sons, M., 225 Beale St., S. F.
Griffiths Machine Works, 107 Fremont St., S. F.
Hall Machine Works, 556 Folsom St., S. F.
Hospodarsky, F., & Co., 744 Minna St., S. F.
Hurlbut & Monroe, 215 Spear St., S. F.

Independent Machine Co., 10 Kissling St., S. F.
Iron and Steel Contracting Co., 201 San Bruno Ave., S. F.
Irvin Machine Works, 335 Golden Gate Ave., S. F.
Jenkins, W. M., Machine Works, Eighteenth St. and Treat Ave., S. F.
Judson Mfg. Co., 819 Folsom St., S. F.
Keenan Bros., 273 Valencia St., S. F.
Kelsey & McEvoy, 313 Howard St., S. F.
Kraiewskei, Frederick, 3460 Twenty-sixth St., S. F.
Main Street Iron Works, 163 Main St., S. F.
McMaster Machinery, D. J., Co., 1112 Folsom St., S. F.
Modotti & Quagelli, 1051 Montgomery Ave., S. F.
Moore & Scott Iron Works, Main and Howard Sts., S. F.
Murray Bros. Machine Works, 231 Folsom St., S. F.
Mutual Engineering Co., 1580 Bryant St., S. F.
North Machine Works, 324 Main St., S. F.
Orton Machine Co., 315 Fremont St., S. F.
Oswald & Noble, 52 McLea Court, S. F.
Pacific Gear and Tool Works, 1267 Folsom St., S. F.
Pacific Machinery and Mercantile Co., 216 Townsend St., S. F.
Parsons & Blackmon Machine Co., 311 Harriet St., S. F.
Phœnix Machine Works, 1307 Harrison St., S. F.
Rees Blow Pipe Mfg. Co., 340 Seventh St., S. F.
Reliance Novelty Co., 128 Twelfth St., S. F.
Rightway Electric Co., 391 Eighth St., S. F.
Risdon Iron Works, The, First and Market Sts., S. F.
Roberts, Leonard V., 51 Clementina St., S. F.
Rossi, A., & Co., 322 Broadway, S. F.
San Francisco Engineering Co., 322 Sixth St., S. F.
Schilling, Adam, & Sons, 211 Main St., S. F.
Schoenstein, F. B., 531 Fulton St., S. F.
Speck Mfg. Co., 2130 Folsom St., S. F.
Sunset Iron Works, 1057 Folsom St., S. F.
Thompson, J. A., Machine Works, 109 Fremont St., S. F.
Todt & Peters, 322 Main St., S. F.
Tofanelli & Brussolo, 940 Montgomery Ave., S. F.
Toulouse & Delorieux, 489 Eighth St., S. F.
Union Iron Works Co., 320 Market St., S. F.
Union Machine Works, 269 Third St., Oakland.
United Engineering Works, 252 Spear St., S. F.
Wagner, Joseph, Mfg. Co., 165 Beale St., S. F.

Welshons & Symon, 3648 Eighteenth Street, S. F.

Western Brass and Plating Works, 174 Minna St., S. F.

Wuelbecke, Henry, 527 Brannan St., S. F.

MACHINERY—HOISTING

Atlas Gas Engine Co., Eleventh Ave. and E. Ninth St., Oakland. Gas engine hoists, marine and stationary.

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. Works, Sunnyvale.

Mutual Engineering Co., 1550 Bryant St., S. F.

Risdon Iron and Locomotive Works, The, First and Market Sts., S. F. Steam or electric.

Scoville Iron Works, Second and Brush Sts., Oakland.

Union Gas Engine Co., 507 Mission St., S. F. Hoisting engines.

Union Iron Works Company, Twentieth and Michigan Sts., S. F.

MACHINERY—HYDRAULIC

Dow, Geo. E., Pumping Engine Co., 179 First St., S. F.

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. Works, Sunnyvale.

Risdon Iron and Locomotive Works, First and Market Sts., S. F.

Union Iron Works Company, Twentieth and Michigan Sts., S. F.

MACHINERY—ICE MAKING AND REFRIGERATING

Cyclops Iron Works, 223 Main St., S. F.

Pacific Refrigerating Machine Co., 1628 Webster St., S. F.

United Iron Works, Second and Jefferson Sts., Oakland.

Vulcan Iron Works, 604 Mission St., S. F.

MACHINERY—LAUNDRY

Scoville Iron Works, Second and Brush Sts., Oakland.

Theriens, J. H., Laundry Machine Man'f., 64 Clementina St., S. F. Washing machines, extractors, frames, racks, skirt boards, clothes horses, starch tubs, dusting machines, clothes shakes, dry rooms.

MACHINERY—LOGGING

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. Works, Sunnyvale.

Moore & Scott Iron Works, Main and Howard Sts., S. F.

MACHINERY—MINING

Bay City Iron Works, 695 Washington St., S. F. Belt and table concentrators, washers and separators.

Golden State and Miners Iron Works, 237 First St., S. F.

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. Works, Sunnyvale.

Main Street Iron Works, 163 Main St., S. F.

Moore & Scott Iron Works, Main and Howard Sts., S. F.

Risdon Iron and Locomotive Works, The, First and Market Sts., S. F.
Gold dredging machinery, concentrators for copper concentration, concentrators for gold concentration, stamp mills, roller quartz mills, rock crushers, ore feeders, amalgamating barrels, forge shoes and ides.

Scoville Iron Works, Second and Brush Sts., Oakland.

Union Iron Works Company, Twentieth and Michigan Sts., S. F.

United Iron Works, Second and Jefferson Sts., Oakland.

MACHINERY—MISCELLANEOUS

(Not Otherwise Designated Under Special Headings)

Aicher Machine Works, 1650 Stockton St., S. F. For paper, tin work, chocolate machinery, machines for seed business, printing machinery, photo mount machinery.

American Can Co., Mills Building, S. F. Can machinery designed and built.

American Faucet Co., Inc., 827 Folsom St., S. F. Counter pressure beer drawing machines, triple electric milk shake machines.

American Machine Works, 856 Franklin St., Oakland.

Bay City Iron Works, 695 Washington St., S. F. Stuffing drums for tanneries, salt dryers and salt refining machinery.

Brunig's Machine Works, 516 Brannan St., S. F. Wood working planers, bank saws, lathes and special machinery.

Clot & Crist Machine Co., 940 Bryant St., S. F. Marble and stone machines, macaroni machines.

Continental Machine Works, 706 Broadway, Oakland. Automatic machinery.

Dundon's Iron Works, 225 Folsom St., S. F. Soap manufacturers' machinery.

Gray, J. A., Company, The, Eighteenth and Bryant Sts., S. F. Punching and shearing machinery for sheet metal purposes.

Haslehursts, W. W., Machinery and Engineering Works, 2122 Folsom St., S. F. Special machinery.

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works, Sunnyvale.** Crushing, grinding, hoisting, hydraulic mining, logging, marble working, mining, ore handling, reducing, placer mining, re-grinding, saw and stamp mill, stone working machinery.

Henshaw, Bulkeley & Co., 19 Fremont St., S. F. Heating and ventilating machinery.

- Interlocking Stone Co.**, 561 Ninth St., Oakland. Mixing, moulding and pressing machinery.
- Judson Manufacturing Co.**, 819 Folsom St., S. F. **Factory**, Oakland.
- McMaster, D. J., Machinery Co.**, 1114 Folsom St., S. F. Woodworking, saw mill machinery
- Mercantile and Warehouse Co.**, 720 Adeline St., Oakland. Seed cleaning, bean cleaning machinery, separators, special screens, etc.
- Pacific Motor and Engineering Co.**, 243 Minna St., S. F. Mixing and beating machines for bakers, polishing machines for marble and mosaic floors.
- Parsons & Blackmon**, 311 Harriet St., S. F. Fruit slicing machines, cannery machinery, almond hullers and crackers.
- Pelton Water Wheel Co., The**, Monadnock Bldg., S. F. General.
- San Francisco Engineering Co.**, 322 Sixth St., S. F. Heavy tire bending machines, boring machines for wagon manufacturers, bolt cutting, pipe threading and cutting machines, gold rolling machines, emery grinders and buffing, ceiling swing grinding machinery, metal drawing machines for covering doors and windows.
- Schell, M. P.**, 1759 Union St., S. F. Automatic and special.
- Schneider, A., Engineering Works**, 1414 Fifteenth St., S. F. Experimental machinery.
- Standard Tool Machine Works**, 1431 Mission St., S. F. Light machinery.
- Union Machine Co.**, 934 Brannan St., S. F. Brewers' and malters' machinery, power plants and transmission or machinery of any description.
- United Iron Works**, Second and Jefferson Sts., Oakland. Brick-making machinery.
- Wagner, Joseph Manufacturing Co.**, 165 Beale St., S. F. Flour mill machinery, barley roller mills, grain cleaning machines, elevating machines, brewery machines, barley bearders, portable grinding mills, roll grinding and corrugating.

MACHINERY—PASTE

- Rossi, A., & Co.**, 322 Broadway, S. F.

MACHINERY—PLANETARY

- Davis, Norris K., Machine Works**, Seventh and Harrison Sts., S. F. Mixers, cutters and grinders on the planetary principle for cutting of meat and vegetables, grinding of anything, mixing of concrete, paint, ink, etc.

Planetary Machinery Co., 1105 Harrison St., S. F. Planetary paint, mortar, sand concrete and chicken feed mixers, amalgamating pans, emulsifiers, lard coolers, meat cutters, ore crushers, cyanide agitators.

MACHINERY—PUMPING

Clot & Crist Machine Co., 940 Bryant St., S. F.
Hampton, W. E., Standard Tool and Machine Works, 1429 Mission St., S. F. Plants for pumping water by compressed air.
Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works**, Sunnyvale.
Ohmen Engine Works, Seventeenth and Capp Sts., S. F. Pumping sets.
Price, G. W., Pump and Engine Co., 33 Stevenson St., S. F.
Risdon Iron and Locomotive Works, First and Market Sts., S. F.
Simonds Machinery Co., 12 Natoma St., S. F.
Union Iron Works Company, Twentieth and Michigan Sts., S. F.

MACHINERY—TRANSMISSION

Bay City Iron Works, 695 Washington St., S. F.
Byron Jackson Iron Works, Inc., 351 Market St., S. F. Pulley frames, ball joints, joints, spreader bars, vertical boxes, self-aligning boxes, grip collars, grip couplings, flexible couplings, ring oiling bearings, center bars.
Main Street Iron Works, 163 Main St., S. F.
Meese & Gottfried Co., 55 Main St., S. F.
United Iron Works, Second and Jefferson Sts., Oakland.

MACHINERY—WINEMAKING

Clot & Crist Machine Co., 940 Bryant St., S. F.
Greenberg's M., Sons, 225 Beale St., S. F.
Mutual Engineering Co., 1550 Bryant St., S. F.
Rossi, A., & Co., 322 Broadway, S. F. Wine presses, must pumps, grape crushers, wine filters, wine pumps, elevators.
Toulouse & Delorieu Co., 489 Eighth St., S. F. Grape crushers and stemmers.

MACHINE SHOP SUPPLIES

Pacific Foundry Co., Eighteenth and Harrison Sts., S. F.

MAGNETS

Drendell Electric and Mfg. Co., Mission and Erie Sts., S. F.

MAILING TUBES

Fleishhacker, A., & Co., 134 Fremont St., S. F.

Mailing Case Mfg. Co., 264 Natoma St., S. F.

Spaulding Novelty Co., 693 Mission St., S. F.

Zellerbach Paper Co., 534 Battery St., S. F. **Factory**, Fifth and Oak Sts., Oakland.

MALT

Bauer-Schweitzer Hop and Malt Company, Inc., 660 Sacramento St., S. F.

Broadway Brewery Co., Nineteenth St. and Treat Ave., S. F.

Brooklyn Brewery Co., Fourteenth St. and Eighteenth Ave., Oakland.

Krug & Zimmerman Malting Co., Eighteenth and Shotwell Sts., S. F.

Palmtag & Heyer Brewing and Malting Co., Haywards.

Red Lion Ale and Porter Brewing Co., Geary and Baker Sts., S. F.

Richmond Brewing and Malting Co., Richmond.

San Francisco Breweries, Ltd., The. 240 Second St., S. F.

Wieland, John, Brewery, 240 Second St., S. F.

MALT MILLS

Wagner, Joseph, Manufacturing Co., 165 Beale St., S. F.

MANTELS

Carnegie Brick and Pottery Co., Foot of Madison St., Adams Wharf, Oakland. **Factory**, Tesla. Brick and tile mantels.

Empire Planing Mill, 744 Bryant St., S. F.

Kulcher, S., & Co., 512 Fourth St., Oakland.

Mangrum & Otter, Inc., 561 Mission St., S. F. Wood mantels.

Mission Mill Co., Inc., 30 Albion Ave., S. F.

Steiger Terra Cotta and Pottery Works, Mills Bldg., S. F. **Works**, South San Francisco.

MAPS

Crescent Blue-Printing Co., 612 O'Farrell St., S. F. Maps of San Francisco City and County, California, and oil districts.

Schmidt Lithograph Co., Second and Bryant Sts., S. F.

MARBLE WORK

American Marble and Mosaic Co., 25 Columbia Square, S. F. Marbles and mosaics.

Columbia Marble Co., The, Seventeenth and Mission Sts., S. F.

Eureka Art Marble Co., 271 First St., S. F. Scagliola.

Musto, Joseph, Sons-Keenan Co., 535 North Point St., S. F.

Oakland Concrete Terrazzo and Mosaic Co., Inc., 1617 Market St., Oakland. Artificial stone, scagliola terrazzo steps, floors, mosaic floors, etc.

Oakland Marble Works, 717 Seventh St., Oakland. Monuments, marble wainscoting, counters, basin slabs, steps.

Ruffino & Bianchi, Inc., 868 Bryant St., S. F. Marble works and saw mills (marble).

Sterling Marble Co., 1121 Fell St., S. F. For building construction.

MARINE HARDWARE

DeLano Bros., 70 Spear St., S. F. Oil cups and pipes for engines, engine room telegraphs, bell pulls, angles, pulleys, speaking tube whistles, brass deck plugs for iron pipe or lead, brass steering racks for launches and wheels.

MATCHES

Independent Match Co., 244 California St., S. F. **Factory,** Alameda.

Metropolitan Match Co., 42 Sutter St., S. F. **Factory,** Stege. Sulphur matches.

MATTRESSES

Arrow Mattress Factory, 648 Jackson St., Oakland.

Bernhard Mattress Co., 793 Mission St., S. F.

California Mattress Co., Thirty-third St. and San Pablo Ave., Oakland. Spring, wool, hair, silk floss and moss mattresses.

Carpet Cleaning and Mattress Works, A. B., 541 Maryland St., Vallejo.

Cleese, Jno. P., Co., Eighteenth and York Sts., S. F.

Continental Bedding and Mfg. Co., 1636 Bryant St., S. F. Wire and top mattresses.

Crescent Feather Co., Ninth and Harrison Sts., S. F.

Enterprise Mattress Co., 949 Thirty-first St., Oakland.

Fredericks, Jos., & Co., 819 Ellis St., S. F.

Hoey, John, & Co., Rhode Island and Alameda Sts., S. F.

Klopstock Bros., 3320 Eighteenth St., S. F. Wire mattresses.

Lachman Bros., 2019 Mission St., S. F.

McRoskey & Co., 927 Market St., S. F.

O'Rourke, E. J., 1393 Valencia St., S. F.

Phelps, F. C., 1813 Devisadero St., S. F.

Pioneer Carpet Cleaning and Mattress and Rug Works, 215 Illinois St., Vallejo.

Rice, F. A., 1805 Harrison St., S. F.

Ryno Camp Furniture Co., 770 Mission St., S. F. Hair mattress.

Sloane, W. & J., Co., 216 Sutter St., S. F.

Walcom, Geo., 1131 Sutter St., S. F.

Western Wire Mattress Co., 433 Polk St., S. F.

McADAMITE (U. S.) METAL

Standard Brass Casting Co., 665 Franklin St., Oakland.

MEDALS (See Badges, Medals, Emblems)

MEDICINES (See Pharmaceutical preparations)

METAL CABINETS

Sutton, John G., Co., 229 Minna St., S. F.

METALS

Filmer Bros. Electrotpe Co., 330 Jackson St., S. F. Electrotypes, stereotypes.

Finn, John, Metal Works, 384 Second St., S. F. Babbitt, solders, type metals, metal for metallic packing.

Great Western Smelting and Refining Co., Spear and Folsom Sts., S. F. Solder, babbitt, linotype, monotype, stereotype, electrotpe metals, pig lead, slate, zinc, ingot copper and bronze, bar and calking lead, bar zinc, ingot aluminum, ingot brass, bar and phosphor tin.

Mountain Copper Co., Ltd., The., 150 Pine St., S. F. Copper.

Pacific Metal Works, 153 First St., S. F. Solder, babbitt metal, linotype, stereotype, monotype, electrotpe metals.

Selby Smelting and Lead Co., Merchants Exchange Bldg., S. F. Works, Selby. Babbitt metals, solder, type metals, sheet lead, glaziers' lead, bar lead, strip lead, bluestone, pig and calking lead, sheet and phosphor tin.

Standard Manufacturing Co., 24 Fell St., S. F. Rock faced stone and brick siding metal.

METAL NOVELTIES

Christensen, A. C., 5201 Fourteenth St., Oakland.

Shreve & Co., Post St. and Grant Ave., S. F. Silverware, brass and copper desk sets, etc.

Schell, M. P., 1759 Union St., S. F.

Simonds Machinery Co., 12 Natoma St., S. F.

METAL POLISH

Bennett, E. W., & Co., 2000 Sixteenth St., S. F.
Consolidated Chemical Co., 612 Turk St., S. F.
Hockwald Chemical and Disinfecting Co., 2211 Bush St., S. F.
Smith Bros. Hardware Co., 1213 Broadway, Oakland.

METAL SHINGLES

Doak Sheet Steel Co., Eighth and Irwin Sts., S. F.

METAL STAMPING

Boesch Lamp Co., Inc., 1135 Mission St., S. F.
LaHaye Mfg. Co., 298 Eleventh St., S. F.
Schell, M. P., 1759 Union St., S. F.

METAL WINDOWS

Conlin & Roberts, 410 Natoma St., S. F.
Heidt, W., Cornice Works, 152 First St., S. F.
Rulofson Metal Window Works, Eighth and Brannan Sts., S. F.
San Francisco Cornice Co., Inc., Dove and Bryant Sts., S. F.
Thurabielle Bros., 775 Broadway, S. F.

MIDDLINGS (See Feeds)**MILK COOLERS**

Fenton & Son., 15 Tehama St., S. F.

MILLINERY

Gluck-Hazell Co., Lincoln Realty Bldg., S. F.
Holm & Nathan, 86 Third St., S. F.

MILLINERY WIRE

Fraser Wire and Stamping Co., 115 Natoma St., S. F.

MILLS (See Stamp Mills)**MILL WORK**

Acme Planing Mill, 1907 Bryant St., S. F.
Advance Mill Co., 623 Bryant St., S. F.
Aitchison Mill Co., The, 3614 Nineteenth St., S. F.
Anderson Bros.' Planing Mill and Mfg. Co., Powell and North Point
Sts., S. F.
Bette, Bernard, 440 Fifth St., S. F.

- Blackman, E. L., Co., 4131 E. Fourteenth St., Oakland.
- Bradford, F. G., Mill Co., 3552 Eighteenth St., S. F.
- Brass & Kuhn Co., 58 Dearborn Place, S. F.
- Bruce Lumber and Mill Co., 1291 Delaware St., West Berkeley.
- Buell, G. A., Co., 730 Hooper St., S. F.
- Burnham, Standeford Co., Washington, between First and Second Sts., Oakland.
- California Door Co., 43 Main St., S. F. **Factory**, Oakland.
- California Grille Works, 1273 Mission St., S. F.
- California Mill Co., 645 Bryant St., S. F.
- California Mill and Manufacturing Co., Fifteenth Ave. and E. Twelfth St., Oakland.
- California Standard Planing Mill Co., 514 Second St., Oakland.
- Clay Street Planing Mill, Fourth and Clay Sts., Oakland.
- David & Kittredge, 621 Bryant St., S. F. Doors, sash frames.
- East Shore Lumber and Mill Co., 466 Tenth St., Oakland.
- Eastward Mill and Lumber Co., 3610 E. Fourteenth St., Oakland.
- Empire Planing Mill, 744 Bryant St., S. F.
- Eureka Mill and Lumber Co., 3509 E. Fourteenth St., Oakland.
- Fink & Schindler Co., The, 226 Thirteenth St., S. F.
- Fischer Lumber Co., Fourth and Oak Sts., Oakland.
- Franklin Street Planing Mill, 165 Franklin St., S. F.
- Fuller, W. P., Co., Mission and Beale Sts., S. F. **Factory**, Seventh and Cypress Sts., Oakland. Sashes and doors.
- Golden Gate Planing Mill Co., Standford Ave., near Golden Gate, Oakland.
- Haase, A., 256 Fremont St., S. F.
- Harbor Planing Mill, foot of Fourth St., Oakland.
- Harmon, S. H., Lumber Co., Fifth and Bryant Sts., S. F. Doors and sashes.
- Herrings Mill, Inc., 557 Brannan St., S. F.
- Hidecker Lumber Co., 984 Sixtieth St., Oakland.
- Hodge & Collins Lumber Co., E. Twelfth St. and Eighteenth Ave., Oakland.
- Hogan Lumber Co., First and Alice Sts., Oakland.
- Holden-Duprey Co., 126 West Mission St., S. F.
- Huber, Frank & Son, York and Mariposa Sts., S. F.
- Jensen & Schlosser Lumber and Mill Co., Inc., San Rafael.
- Johnson, J., Mill Co., Seventeenth Ave. and F. St., So. S. F. Sashes and doors.

- Little & Walpert, Inc., 547 Brannan St., S. F.
 Lorden, J. P., Mill Co., 451 Fifth St., S. F.
 Main Street Planing Mill Co., 115 Main St., S. F.
 Mercantile Box Co., 231 Berry St., S. F.
 Mission Mill Co., Inc., 30 Albion Ave., S. F.
 Moore, R. B., Mill and Lumber Co., 657 Bryant St., S. F.
 Oakland Sash and Door Co., foot of Sixth Ave., Oakland.
 Oak Street Planing Mill, First and Oak Sts., Oakland.
 Pacific Coast Lumber and Mill Co., Second and Grove Sts., Oakland.
 Pacific Planing Mill, Berry and Sixth Sts., S. F.
 Parkinson, J. F., Company, Palo Alto. Sashes and doors.
 Perry Mill and Lumber Co., 304 Georgia St., Vallejo.
 Pioneer Planing Mill, Second and Castro Sts., Oakland.
 Pope & Talbot, foot of Third St., S. F.
 Premus, W. C., Planing Mill, 151 Beach St., S. F.
 Redwood Manufacturers Co., Balboa Bldg., S. F. **Factory**, Black
 Diamond.
 Reed, W. H., & Co., 330 Main St., S. F.
 Reilly, P. F., Co., 1840 Fifteenth St., S. F.
 Reinhart Lumber and Planing Mill Co., Seventeenth and Kansas Sts.,
 S. F.
 Reliance Mill and Lumber Co., 1249 E. Fourteenth St., Oakland.
 Schouten, J. W., & Co., 740 Bryant St., S. F.
 Sterling Show Case Mfg. Co., 760 Franklin St., S. F.
 Terminal Lumber Co., Fourtieth and San Pablo Ave., Oakland.
 Townley Mill and Lumber Co., Eighteenth and Folsom Sts., S. F. **Doors**
 and sashes.
 Van Arsdale-Harris Lumber Co., Fifth and Brannan Sts., S. F.
 Webster Street Planing Mill, Second and Webster Sts., Oakland.
 Weed Lumber Co., Flood Bldg., S. F. **Factory**, Weed, Siskiyou County.
 Sashes, doors and mouldings.
 Windler, Geo., 144 Berry St., S. F.
 Wood, E. K., Lumber Mill Co., 112 Market Sts., S. F. **Factory**, San
 Rafael.
 Zenith Mill and Lumber Co., 1051 E. Twelfth St., Oakland.

MINCEMEAT

- Long Syrup Refining Co., Sixteenth and Division Sts., S. F.
 Pacific Coast Syrup Co., 713 Sansome St., S. F.
 Saunders Manufacturing So., Fourteenth St. and Treat Ave., S. F.
 Sunlit Fruit Co., 2424 Fourth St., West Berkeley.

MINING AND MILL SUPPLIES

Compressed Air Machinery Co., The, Stevenson and Ecker Sts., S. F.
Dalziel, Robert Jr., Co., The, 418 Thirteenth St., Oakland.

MINING EQUIPMENT

Golden West Plating Works, 361 First St., S. F. Silver-plated copper plated for amalgamation, mining plates.
Pacific Foundry Co., Eighteenth and Harrison Sts., S. F.
San Francisco Plating Works, 1349 Mission St., S. F. Silver plated copper mining plates for saving gold used in quartz, placer, beach and other mining.

MINING INSTRUMENTS

Lietz, A., Co., The, 632 Commercial St., S. F.

MIRRORS—PLATE

Cobbledick, L. N., Glass Co., 712 Broadway, Oakland.
Fuller, W. P., & Co., Mission and Beale Sts., S. F.
Galet, A., 1117 Mission St., S. F.
Harze, A., 320 Gough St., S. F. Mirrors and silverer.
Holt, Habenicht & Howlet, 285 Fell St., S. F.
Oakland Mirror and Glass Beveling Works, 818 Adeline St., Oakland.
French and American looking glasses; beveling.
Schwarz & Gottlieb, Inc., 560 Eddy St., S. F.
Whittier-Coburn Co., 301 Howard St., S. F.

MITTENS (See Gloves)**MOCCASINS**

Hettrich, A. L., 508 Washington St., S. F.

MODELS

Aerial Machine and Electrical Works, 368 Tenth St., Oakland.
Auto Machine Works, 147 Twelfth St., Oakland.
California Grille Works, 1273 Mission St., S. F.
California Pattern Works, 2902 Nineteenth St., S. F. Working models in wood and metal.
Electric Novelty Works, 533 Mission St., S. F.
Fenton & Son, 15 Tehama St., S. F.
Haase, A., 256 Fremont St., S. F.
Haas Woodworking Co., 91 Minna St., S. F.

Olson, W., 1308 Clay St., Oakland.

Patterson, E. R., Co., Inc., 5312 E. Fourteenth St., Oakland.

Reed, W. H., & Co., 330 Main St., S. F.

Roberts, L. V., Machine Works, 49 Clementina St., S. F.

Schell, M. P., 1759 Union St., S. F.

Seiler, Paul, Electrical Works, 322 Market St., S. F.

Standard Tool and Machine Works, 1431 Mission St., S. F.

Walker & Heuer, 2124 Folsom St., S. F.

MOLASSES (See Syrups)

MONEY—COINED

United States Mint, Fifth and Mission Sts., S. F. Gold, silver, nickel and copper coins.

MONOGRAMS

Collet, Henry E., 85 Post St., S. F. Pierced monograms and letters in metal, leather, gold and silver.

MONUMENTS (See Marble Work)

MOPS

California Cotton Mills Co., East Oakland. Cotton wove and string mops; linen mops.

MOSAIC WORK

Musto, Joseph Sons-Keenen Co., 535 North Point St., S. F.

Oakland Concrete Terrazzo and Mosaic Co., Inc., 1617 Market St., Oakland. Mosaic floors.

Sterling Marble Co., 1121 Fell St., S. F. Floors and decorations.

Thomas & Schneider Art Glass Co., 610 Howard St., S. F.

MOTOR ACCESSORIES

Eureka Electric and Eng. Co., Inc., 158 Fifth St., S. F.

MOTOR CARS

S. & W. Motorium, 1422 San Pablo Ave., Oakland.

MOTOR CYCLES

Bean Son Co., The, Fifth and Cypress Sts., Oakland.

MOTORS—ELECTRIC

Weidenthal-Goslinger Electrical Works, 623 Mission St., S. F.

MOTOR STARTING SWITCHES

Wool Motor Protecting Switch Co., 80 Tehama St., S. F. Motor starting switch for protecting small motors from burning out.

MOULDINGS

Acme Lumber Co., Sixth and Channel Sts., S. F.

Anderson Bros. Planing Mill and Mfg. Co., Powell and North Point Sts., S. F.

Blackman, E. L., Co., 4131 E. Fourteenth St., Oakland.

Bruce Lumber and Mill Co., 1291 Delaware St., West Berkeley.

California Door Co., The, 43 Main St., S. F. **Factory**, Oakland.

California Wood Turning Works, 610 Second St., Oakland.

Harbor Planing Mill, Foot of Fourth St., Oakland.

Harmon, S. H., Lumber Co., Fifth and Bryant Sts., S. F.

Hertstein, A., & Son, 311 Florida St., S. F. Metal covered wood mouldings.

Hodge & Collins Lumber Co., E. Twelfth St. and Eighteenth Ave., Oakland.

Mercantile Box Factory, 231 Berry St., S. F.

Mission Mill Co., Inc., 30 Albion Ave., S. F.

Pacific Coast Lumber and Mill Co., Second and Grove Sts., Oakland.

Parkinson, J. F., Company, Palo Alto.

Pioneer Planing Mills, Second and Castro Sts., Oakland.

Reilly, P. F., Co., 1840 Fifteenth St., S. F.

Reliance Mill and Lumber Co., 1249 E. Fourteenth St., Oakland.

San Francisco Cornice Co., Inc., Dove and Bryant Sts., S. F.

Terminal Lumber Co., Fortieth St. and San Pablo Ave., Oakland.

Townley Mill and Lumber Co., Eighteenth and Folsom Sts., S. F.

Weed Lumber Co., Flood Bldg., S. F. **Factory**, Weed, Siskiyou Co.

Zenith Mill and Lumber Co., 1051 E. Twelfth St., Oakland.

MOUTHPIECES—TELEPHONE

Lichenstein Bros., 268 Market St., S. F.

MUCILAGE AND PASTE (See Glue)**MUSH (See Flour, also Cereals)****MUSTARD**

Ghirardelli, D., Co., 940 North Point St., S. F.

NAILS, TACKS, SPIKES

Judson Manufacturing Co., 819 Folsom St., S. F. **Factory**, foot of Park Ave., Oakland.

Kingwell, L., 1038 Mission St., S. F. Composition spikes.

NAME PLATES

Moise-Klinkner Co., 1212 Market St., S. F.

Patrick & Co., 560 Market St., S. F.

NAPHTHA (See Oils)**NAUTICAL INSTRUMENTS**

Leitz, A., Co., The, 642 Commercial S. F.

Weule, Louis, Co., 106 Stenart St., S. F.

NECKWEAR

Heineman, H. M., 1655 Bush St., S. F.

Pacific Ruching and Novelty Manufactory, The, 718 Mission St., S. F.
Ladies' neckwear.

Samter, L., & Sons, 758 Mission St., S. F. Men's.

NIGHT ROBES

Ulman, Seeligson & Brown, 149 New Montgomery St., S. F.

NUMBER MACHINES

Moise-Klinkner Co., 1212 Market St., S. F.

Patrick & Co., 560 Market St., S. F.

NUTS—MACHINE

Judson Manufacturing Co., 819 Folsom St., S. F. **Factory**, foot of Park Ave., Oakland.

Payne's Bolt Works, 133 Howard St., S. F. H. P. square and hex. nuts;
C. P. square and hex. nuts.

Union Iron Works Company, Twentieth and Michigan Sts., S. F.

NUTS—SHELLED

California Specialty Mfg. Co., 618 Franklin St., S. F. Shelled peanuts.

Sunset Nut Shelling Co., 427 Commercial St., S. F. Shellers of almonds,
walnuts, peanuts, brazil nuts.

OFFICE FIXTURES (See Fixtures)

OIL BURNERS

Johnson, S. T., Co., 1334 Mission St., S. F.

Ker-Lloyd Iron Works, 252 Spear St., S. F.

Moore, C. C., & Co., 99 First St., S. F.

Patterson Oil Burner and Clipper Co., 5312 E. Fourteenth St., Oakland.

Staples & Pfeiffer, 102 Steuart St., S. F.

OIL BURNING PLANTS

Clot & Crist Machine Co., 940 Bryant St., S. F.

Eureka Boiler Works, 57 Mission St., S. F. Fuel oil installations.

Fess System Co., Inc., 125 Hayes St., S. F.

Greenberg's, M., Sons, 225 Beale St., S. F.

Hampton, W. E., Standard Tool and Machine Works, 1429 Mission St., S. F. Oil burners not using steam.

Johnson, S. T., Co., 1334 Mission St., S. F. For bakers' ovens, high and low pressure boilers, cooking ranges, furnaces and heaters.

Moore, C. C., & Co., 99 First St., S. F. Oil burning apparatus.

Roberts, L. V., Machine Works, 49 Clementina St., S. F.

Staples & Pfeiffer, 102 Steuart St., S. F.

Tucker, E. W., & Co., 256 Spear St., S. F. Oil fuel equipment.

United Engineering Works, 224 Spear St., S. F.

Union Iron Works Company, Twentieth and Michigan Sts., S. F.

OIL CLOTHING

Goodyear Rubber Co., 587 Market St., S. F.

OILING DEVICES

Witt, G. E., Company, Inc., 850 Howard St., S. F. Automatic.

OILS

Associated Oil Co., Wells Fargo Bldg., S. F. **Factory**, on the Santa Barbara Coast. Gasolines and distillate.

Bushwell Paint Co., 902 Broadway, Oakland.

Capitol Refining Co., 268 Market St., S. F. Gasoline, illuminating oils, engine distillate, capatine, asphaltum, benzine, automobile oils, paint oils. **Factory**, Stockyards.

Clinch, C. G., & Co., 156 King St., S. F.

Cluff, William, Company, Spear and Mission Sts., S. F. Sperm and castor.

- El Dorado Oil Works**, 116 California St., S. F. **Factory**, West Berkeley. Coconut and linseed oils.
- Fuller, W. P., & Co.**, Mission and Beale Sts., S. F. Lubricating.
- Goldberg, Garrett M., & Co.**, Seventh and Folsom Sts., S. F. Lubricating oils.
- Manhattan Food Co.**, 1001 E. Fourteenth St., Oakland. Harness oils.
- McKinley-Perkins Co.**, Seventeenth and Campbell Sts., Oakland.
- Monarch Oil Refining Co.**, 90 Clay St., S. F. **Factory**, West Berkeley. Lubricating oils, distillates.
- Nason, R. N., & Co.**, 151 Potrero Ave., S. F. For machinery and wagon axles.
- National Paint and Oil Co.**, 711 Third St., S. F.
- Oakland Meat and Packing Co.**, Sixty-fifth and Bay Sts., Oakland. Neatsfoot oil.
- Pacific Oil and Lead Works**, 155 Townsend St., S. F. Linseed and coconut oils.
- Pacific States Refineries**, 120 Bush St., S. F. **Factory**, Fruitvale. Gasoline, benzine, engine distillate, mobeline, store distillate, coal oil, neutral, paint, green and skid oils, asphaltum.
- Standard Oil Co.**, 461 Market St., S. F. **Factory**, Richmond. All grades of refined petroleum, including kerosene or coal oil, gasoline, naphtha, distillate, fuel oils, road, lubricating, cylinder and valve, skid, neutral, soap, floor, hoof, storm, miner's, mineral seal, sterine, tallow, harness, whale and sperm oils, cylinder oil stock, spermaceti.
- Sterling Paint Co.**, 118 First St., S. F. **Factory**, 45 Hannah St., Oakland. Paint, gloss, floor.
- Union Oil Co. of California**, Mills Bldg., S. F. **Factory**, Oleum, Contra Costa Co., Refined oil, gasoline, benzine, distillate, asphaltum.
- Whittier-Coburn Co.**, 301 Howard St., S. F.
- Worden-Meeker Co.**, 1230 Market St., S. F. **Factory**, Oak and Blanding Sts., Alameda.
- Yates & Co.**, 762 Folsom St., S. F.

OIL SETS

- Johnson, S. T., Co.**, 1334 Mission St., S. F.
- Staples & Pfeiffer**, 102 Steuart St., S. F.
- Witt, G. E., Company, Inc.**, 850 Howard St., S. F.

OIL STRAINERS

- Roberts, L. V., Machine Works**, 49 Clementina St., S. F.
- Staples & Pfeiffer**, 102 Steuart St., S. F.

OINTMENTS (See Pharmaceutical Preparations)**OLLAS**

Steiger Terra Cotta and Pottery Works, Mills Bldg., S. F. **Factory**,
So. S. F.

OPTICAL GOODS

California Optical Company, 181 Post St., S. F.

Kahn, Geo. H., 34 Kearny St., S. F. Spectacles, eyeglasses, grinding of
optical glass.

Kahn, Henry, & Co., 644 Market St., S. F.

Hirsch & Kaiser, 218 Post St., S. F.

Luckey & Wooster, 236 Stockton St., S. F.

ORE CARS AND BUCKETS

Bay City Iron Works, 1243 Harrison St., S. F.

Dalziel, Robert, Jr., Co., The, 418 Thirteenth St., Oakland.

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works**, Sunnyvale.
Dump, logging, ore and tram cars.

Pacific Coast Boiler Works, 235 Main St., S. F.

Reuter Bros. Boiler and Sheet Metal Works, 41 West El Dorado St.,
S. F. Ore cars and ore skips for mines and mills.

United Iron Works, Second and Jefferson Sts., Oakland.

ORE CONCENTRATORS

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works**, Sunnyvale.

Risdon Iron and Locomotive Works, First and Market Sts., S. F.

Union Iron Works Company, Twentieth and Michigan Sts., S. F.

Woodbury, George E., 238 Townsend St., S. F.

ORE DRIERS

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works**, Sunnyvale.
Revolving ore driers.

ORNAMENTS

Wissing, F. W., 452 Fulton St., S. F. Composition ornaments for decorations.

OVENS

Ray, W. S., Manufacturing Co., 26 Steuart St., S. F. Bakers' ovens and
ovens for steamships.

OVERALLS

- Armer, A. M., & Co.**, 760 Mission St., S. F.
Eloesser-Heynemann Co., 77 Battery St., S. F. **Factories**, San Francisco and Petaluma.
Greenbaum, Weil & Michels, 740 Mission St., S. F.
Henry Bros., 772 Pacific St., S. F.
Murphy-Grant Co., Sansome and Bush Sts., S. F.
Neustadter Bros., 461 Mission St., S. F.
Strauss, Levi, & Co., Fourteenth and Valencia Sts., S. F.

PACKERS

- Alaska Codfish Co.**, 10 Main St., S. F. **Factory**, Gloucester, San Mateo Co. Cured, dried and pickled codfish.
Heineman & Stern, 1040 McAllister St., S. F. Packers of beef products, pickled meat, smoked beef, dried beef and tongue.
Morgan Oyster Co., The, 614 Third St., S. F. Fresh canned oysters.
National Packing Co., Bay and Kearny Sts., S. F. Meat packers.
San Francisco Packing and Provision Co., Sixth Ave. and M. St., So. S. F. Pork and beef packers.
Union Fish Co., Hathaway's Dock, S. F. Cured codfish.

PACKING HOUSE PRODUCTS

- Bayle, Lacoste Co.**, California Market, S. F. **Factory**, foot of Sixty-fifth St., Oakland. Tripe, calves feet, brains, tongues and ox tails.
Roth-Blum Co., 50 California St., S. F. Ham, bacon, barreled pork and beef, smoked beef, all pork products, pickled tripe, pickled and smoked beef tongues, soured sheep tongues.
Western Meat Company, Sixth and Townsend Sts., S. F. **Factory**, South San Francisco.

PACCORAT GOODS (See Rattan Goods)**PACKINGS**

- American Rubber Mfg. Co.**, 112 Market St., S. F. **Factory**, Emeryville.
Asbestos Mfg. and Supply Co., 15 Fremont St., S. F. Asbestos steam packings and gaskets.
Bowers Rubber Works, 68 Sacramento St., S. F. **Factory**, Black Diamond. Rubber.

- California Belting and Supply Co.**, 1425 Mission St., S. F.
Degen, L. P., Belting Co., 238 Mission St., S. F. Leather.
Goodyear Rubber Co., 587 Market St., S. F. Rubber.
Graton & Knight Mfg. Co., The, 30 Fremont St., S. F. Leather cup packings.
Johns, H. W.-Manville Co., 159 New Montgomery St., S. F. Steam packings.
Magnesia-Asbestos Supply Co., 157 Spear St., S. F. Asbestos.
Pickthall, M., 220 Fremont St., S. F. Ring, steam and water packings.
Tucker, E. W., & Co., 256 Spear St., S. F. Self-adjusting metallic packing.

PAJAMAS

- Ulman, Seeligsohn & Brown**, 149 New Montgomery St., S. F.

PAINTS

- American Marine Paint Co.**, 149 California St., S. F. Germicide anti-corrosive submarine composition for iron and steel hulls, anti-fouling for the same. Boot topping and hold paint for iron and steel vessels, marine black paint for top sides. Copper compound for wooden vessels.
Bass-Heuter Paint Co., 816 Mission St., S. F. Paints for all purposes, colors in oil and Japan. Ship composition and copper paints.
Blac-Lac Mineral Paint Co., 73 Steuart St., S. F. Non-corrosive, anti-fouling, fire-proof, acid proof.
Buswell Paint Co., 902 Broadway, Oakland.
California Paint Co., 1797 Twelfth St., Oakland. Copper, averill, rubber, graphite, roof, house, wagon paints.
Clinch, C. G., & Co., 156 King St., S. F.
Federal Paint Co., Metropolis Bank Bldg., S. F. Anti-toredo paint, paint specialties, dry colors, natural and artificial.
Fuller, W. P., & Co., Mission and Beale Sts., S. F.
Goldberg, Garrett, M., & Co., Seventh and Folsom Sts., S. F. Graphite and mixed paints, oil colors.
McKinley-Perkins Co., Seventeenth and Campbell Sts., Oakland.
Munns, Products Co., E. A., P. O. Box 194, West Berkeley. **Works**, Nobel Station. Cold water, flat oil, concrete, stucco, brick, stone, flat wall and dry color paints, whitening, kalsomine, wall finish, flooring.
Nason, R. N., & Co., 151 Potrero Ave., S. F. Asphalt.

National Lynwood Company, Inc., 310 California St., S. F. Lynwood, a finish for interiors.

National Paint and Oil Co., 711 Third St., S. F.

Pacific Refining & Roofing Co., Monadnock Bldg., S. F. Hot surface, damp proof and roof paints.

Paraffine Paint Co., The, 34 First St., S. F. **Factory**, Oakland.

Sterling Paint Co., 118 First St., S. F. **Factory**, 45 Hannah St., Oakland. Preservative, graphite, pipe dip, stains, hot surface, damp proofing, baking japan.

Tamm & Nolan Company, 151 Potrero Ave., S. F. Asphalt.

Watson Floor and Roof Co., 932 Folsom St., S. F. Preservative paint.

Whittier-Coburn Co., 301 Howard St., S. F.

Yates & Co., 762 Folsom St., S. F.

PANELS—VENEERED

Howard, E. H., & Co., 20 Howard St., S. F. Veneered panels and interior trim, also hardwood doors.

White Bros., Spear and Howard Sts., S. F. **Mills**, Alameda and Petaluma. Oak, Oregon pine, birch, mahogany, African and Philippine mahogany, maple, elm, basswood, Spanish cedar, genisaro, primavera, koa.

PANTS

Alexander & Danziger, 134 Sansome St., S. F.

Armer, A. M., & Co., 760 Mission St., S. F. Khaki.

California Blanket and Flannel Mills, 760 Mission St., S. F. Cassimere pants.

Eloesser-Heynemann Co., 77 Battery St., S. F. **Factories**, San Francisco and Petaluma.

Murphy-Grant Co., Sansome and Bush Sts., S. F.

Neustadter Bros., 461 Mission St., S. F.

Quong On & Co., 1051 Stockton St., S. F.

PAPER

California Paper and Board Mills, 310 California St., S. F. **Factory**, Antioch. Binding, sheathing and wrapping papers.

PAPER BAGS (See Bags, Paper)

PAPER BOARD

California Card Manufacturing Co., Potrero Ave. and Mariposa St., S. F.
Photographic cards and cardboard.

California Paper and Board Mills, 310 California St., S. F. **Factory**,
Antioch. Folding box, wood pulp, straw and binders' boards.

Illinois-Pacific Glass Co., Fifteenth and Folsom Sts., S. F. Corrugated
paper, jute board, straw board, picture backing.

PAPER BOXES (See Boxes—Paper)

PAPER—BUILDING

Pacific Refining and Roofing Co., 379 Monadnock Bldg., S. F.

Paraffine Paint Co., The, 34 First St., S. F. **Factory**, Oakland.

PAPER—CORRUGATED

Schmidt Lithograph Co., Second and Bryant Sts., S. F.

PAPER NOVELTIES

Fleishhacker, A., & Co., 134 Fremont St., S. F.

Pacific Folding Box Factory, 718 Mission St., S. F.

Union Paper Box Factory, 718 Mission St., S. F.

PAPIER MACHE

Bianchini, L., 515 Market St., S. F. Forms to display clothing.

Feintuch Display Fixture Co., 134 Sansome St., S. F.

PARIS WHITE

Hearfield, Bannister & Co., 268 Market St., S. F. English Clifton Paris
white lump.

PASTES

Arata, Agostini, 386 Broadway, S. F. Ravioli.

Arata-Barbieri Paste Co., 704 Sansome St., S. F. Italian macaroni and
fancy paste.

Cosmopolitan Paste Factory, 426 Pacific St., S. F.

Genoa Macaroni Factory, 1714 Stockton St., S. F.

Napolitan Paste Co., 1065 Seventh St., Oakland. Macaroni, vermicelli
and all kinds of paste.

Piedmont Paste Co., 680 Market St., Oakland. Macaroni, vermicelli,
spaghetti and fancy pastes.

Podesta, L. R., Inc., 512 Washington St., S. F. Italian pastes.

Pompeii Macaroni Factory, 2989 Folsom St., S. F.

Vesuvio Paste Co., 425 Broadway, S. F. Macaroni, vermicelli, fancy paste, etc.

PATTERN MAKING

California Grille Works, 1273 Mission St., S. F.

California Pattern Works, 2902 Nineteenth St., S. F. Wood spur gear patterns cut on special gear cutting machine.

Coffin, Alonzo, California Pattern Works, 2902 Nineteenth St., S. F.

Haase, A., 256 Fremont St., S. F.

Haas Woodworking Co., 91 Minna St., S. F.

McClure & Burton, 363 First St., S. F.

Packe Machine Works, 404 Third St., Oakland.

Reed, W. H., & Co., 330 Main St., S. F.

Risdon Iron and Locomotive Works, First and Market Sts., S. F.

Roberts, L. V., Machine Works, 49 Clementina St., S. F.

Standard Foundry Co., Dennison and King Sts., Oakland.

Standard Iron Works, 662 Seventh St., S. F.

Thomas & Carlson, 619 Brannan St., S. F.

Walker & Heuer, 2124 Folsom St., S. F.

Western Pattern Works, 1913 Bryant St., S. F.

Wilson & Neff, 311 Harriet St., S. F.

Wissing, F. W., 452 Fulton St., S. F.

PAVING BLOCKS

San Francisco Timber Preserving Co., 320 Market St., S. F. **Factory**, East San Rafael. Preserved wood paving blocks.

PAVING—CONTRACTORS' EQUIPMENT

Pacific Foundry Co., Eighteenth and Harrison Sts., S. F.

PAULINS

White-Wallace Co., Inc., 1252 Webster St., Oakland.

PERFUMES

Boldermans, A. C. Co., (American Chocolate Factory), 26 Bluxome St., S. F.

Langley & Michaels Co., 50 First St., S. F.

Rieger, Paul, & Co., 116 First St., S. F.

Scott & Gilbert, 45 Ecker St., S. F.

PHARMACEUTICAL PREPARATIONS

Baldwin, Edward L., Co., 20 Market St., S. F.

Bay City Drug Co., 1044 Valencia St., S. F.

Boericke & Runyon, 140 Powell St., S. F. Homœopathic.

Broemmel's Prescription Pharmacy, 2501 California St., S. F.

California Fig Products Co., 281 Natoma St., S. F. California fig and herb bitters.

California Fig Syrup Co., 398 Church St., S. F. Syrup of Figs and Elixir of Senna.

Fauda, C. O., Pharmacy, 303 Montgomery Ave., S. F.

Langley & Michaels, 50 First St., S. F.

Lash's Bitters Co., 1721 Mission St., S. F.

Murray Chemical Co., 343 Front St., S. F.

National Pharmacy Co., Seventeenth and Wood Sts., Oakland.

Rogers, R. R., Chemical Co., 527 Commercial St., S. F.

Rossi Drug Co., 1900 Union St., S. F.

Schmidt, Val, Pharmacy, Inc., 1845 Polk St., S. F. Face powder, nail gloss, charcolets.

Viavi Co., The, 636 Pine St., S. F.

Worthington, Martha J., E. Fourteenth St. and Palo Vista Ave., Fitchburg. Valerian ointment.

PHOSPATE AND SUPERPHOSPHATE

Union Superphosphate Co., 268 Market St., S. F. Factory, Stege, Cal.

PHYSICAL APPARATUS

Braun-Knecht-Heimann Co., 576 Mission St., S. F.

PIANOFORTES

Pierce, Walter S., Co., 687 Fourteenth St., S. F.

PIANOS

Deitemeier Piano Co., 853 Valencia St., S. F. Uprights.

Mauzy, Byron, 250 Stockton St., S. F.

Schmitz, William, 48 Bartlett St., S. F.

PIANO PLAYERS (See Player Pianos)**PIANO POLISH**

Consolidated Chemical Co., 612 Turk St., S. F.

Pierce, Walter S., Co., 687 Fourteenth St., S. F.

PIANO STRINGS

Pierce, Walter S., Co., 687 Fourteenth St., S. F.

PICKLES

Pacific Preserve Co., 849 Howard St., S. F.

Reed Pickle Works, 1507 Folsom St., S. F.

PICTURE FRAMES (See Frames)**PILE COVERING**

Paraffine Paint Co., The, 44 First St., S. F. Factory, Oakland.

San Francisco Timber Preserving Co., 320 Market St., S. F. Factory,
E. San Rafael.

PILE HAMMERS

Murray Bros. Machine Works, 231 Folsom St., S. F.

PILLOWS

Bernhard Mattress Co., 793 Mission St., S. F.

Cleese, John P., Company, Inc., Eighteenth and York Sts., S. F.

Crescent Feather Co., Inc., Nineteenth and Harrison Sts., S. F.

Hulse-Bradford Co., 986 Mission St., S. F.

Klopstock Bros., 3320 Eighteenth St., S. F.

O'Rourke, E. J., 1393 Valencia St., S. F.

Rice, F. A., 1805 Harrison St., S. F.

Sloane, W. & J., Co., 216 Sutter St., S. F.

Sunset Feather Co., 1112 Folsom St., S. F.

Walcom, Geo., 1131 Sutter St., S. F.

PIPE

Amsler Sheet Metal Works, 25 Shotwell St., S. F. Conductor pipe.

Beal & Royles Machine Works, 707 Franklin St., S. F.

California Corrugated Culvert Co., Fifth and Parker Sts., West Berkeley.
Corrugated metal irrigation pipe.

Carnegie Brick and Pottery Co., Foot of Madison St., Adams Wharf,
Oakland. Factory, Tesla. T. C. China pipe, acid pipe.

Clark, N., & Sons, 17 Spear St., S. F. Factory, Alameda. Vitrified clay,
chimney.

Dalziel, Robert, Jr., Co., 418 Thirteenth St., Oakland. Hydraulic pipe,
blast and air pipe.

Doak Sheet Steel Co., Eighth and Irwin Sts., S. F. Conductor pipe, cor-
rugated iron pipe.

- Gladding, McBean & Co.**, Crocker Bldg., S. F. **Works**, Lincoln. Vitri-fied pipe for sewerage and water and culverts; terra cotta pipe for chimneys.
- Hendy, Joshua, Iron Works**, 75 Fremont St., S. F. **Works**, Sunnyvale Stand pipes.
- Holbrook, Merrill & Stetson**, Sixth and Townsend Sts., S. F. Stove leader.
- Korell, J. A.**, 783 Haight St., S. F. Leader and chimney pipe, drain pipe
- Montague, W. W., & Co.**, 563 Market St., S. F. Iron pipe, sheet iron pipe, hydraulic, irrigating and water works.
- Moore & Scott Iron Works**, Main and Howard Sts., S. F. Sheet iron and sheet steel water pipe.
- Oakland Art Pottery and Terra Cotta Works**, 1125 E. Twelfth St., Oak-land. San Francisco branch, Harrison St., bet. Sixteenth and Seven-teenth Sts. Sewer pipe and chimney pipe.
- Pacific Copper Works**, 573 Mission St., S. F. Copper pipes for steam-boats, and expansion pipes. Copper coils and heaters.
- Ray, W. S., Manufacturing Co.**, 26 Steuart St., S. F. Stove.
- Risdon Iron and Locomotive Works**, First and Market Sts., S. F. Heavy riveted steel pipe for hydraulic installations.
- Sanders & Co.'s Copper Works**, 304 Howard St., S. F. Copper steam-boat pipes and flanges.
- Selby Smelting and Lead Co.**, Merchants Exch. Bldg., S. F. **Works**, Selby. Lead and tin pipe. Lead traps and bends.
- Shields, Thos., Sheet Metal Works**, 571 Mission St., S. F. Leader pipe.
- Smith, Francis, Co.**, 9 Fremont St., S. F. Riveted sheet iron and steel pipe for water works, power plants, hydraulic mining, irrigating, well pipe.
- Standard Manufacturing Co.**, 24 Fell St., S. F. Conductor pipe.
- Steiger Terra Cotta and Pottery Works**, Mills Bldg., S. F. **Factory**, So. San Francisco. Chimney, culvert, sewer.
- Weissbaum, G., & Co.**, 133 Eleventh St., S. F. **Branch**, Third Ave and East Tenth St., Oakland.
- Winson Pottery Works**, E. Twelfth St. and Park Ave., Oakland. Sewer and chimney pipe.

PIPE CASINGS

- Roberts, L. V., Machine Works**, 49 Clementina St., S. F.
- Weissbaum, G., & Co.**, 133 Eleventh St., S. F. Slip joint irrigation and well casing.

PIPE COVERING

Asbestos Mfg. and Supply Co., 15 Fremont St., S. F. Asbestos pipe covering, magnesia pipe covering.

PIPE DIP (See Paints)**PIPE FITTINGS**

Golden West Pump Co., 311 Harriet St., S. F. Flanged elbows, tees, pipe clamps.

Jackson, Byron, Iron Works, Inc., 351 Market St., S. F. Elbows, tees, crosses, and all kinds of cast iron fittings.

McCormick Bros. Iron Works, Main and Folsom Sts., S. F.

Parsons & Blackmon Machine Co., 311 Harriet St., S. F. Flanged elbows, tees.

United Iron Works, Second and Jefferson Sts., Oakland.

Weissbaum, G., & Co., 133 Eleventh St., S. F. Special casing pipe fittings.

PIPE WORK

Moore, C. C., & Co., 99 First St., S. F. Pipe work for power, lighting, pumping, mining plants.

PLANING MILL AND LUMBER YARD EQUIPMENT

Bay City Iron Works, 695 Washington St., S. F. Heavy steel, frame sizing machines, drum and disc sanding machines, steel wheel, chain oiling lumber trucks.

PLANING MILL PRODUCTS (See Mill Work)**PLASTER (See Lime)****PLASTER BLOCKS**

Plaster Block Co., 504 Monadnock Bldg., S. F.

PLASTER FIBRE

Hercules Mfg. Co., 221 San Bruno Ave., S. F.

PLATE WARMERS

Majestic Sheet Metal Works, 1068 McAllister St., S. F.

PLATING

Boesch Lamp Co., Inc., 1135 Mission St., S. F. Electro plating.

California Gas Fixture Co., 357 Ellis St., S. F. Electro plating, brass, copper, bronze.

Imperial Plating Co., 1585 Fifteenth St., S. F. Hardware, gas and electric fixtures, safe and vault work, metal sash frames, store and building fronts.

Keystone Ornamental Iron and Bronze Works, 350 Tenth St., S. F.

Pellow, T. J., Co., 1381 Broadway, Oakland. Fixture fittings, sash bars, railings.

San Francisco Plating Works, 1349 Mission St., S. F. Gold, silver, nickel, copper, brass, bronze.

Standard Iron Works, 662 Seventh St., S. F. Electro plating.

Sunset Plating Works, 334 Clementina St., S. F. Gold, silver, nickel, copper and brass plating.

Triumph Metal Works, 1265 Franklin St., Oakland. Iron and brass plating, kick and push plates, brass rails, signs and push bars.

PLAYER PIANOS

Deitemeier Piano Co., Inc., 853 Valencia St., S. F.

Mauzy, Byron, 250 Stockton St., S. F.

PLOWS (See Farming Implements)

PLUMBERS' GOODS

Atlas Brass Works, Inc., 827 Folsom St., S. F. Water, gas, steam and plumbing goods of all kinds and sizes. Combination soldering iron, blow torch and paint burners.

Empire Foundry Co., 433 Third St., Oakland.

Kingwell, L., 1038 Mission St., S. F.

Pumphrey & Son, 171 Twelfth St., Oakland.

Young, R. S., Supply Co., 515 Fourth St., Oakland.

PLUMBERS' SPECIALTIES

American Plumbers' Supply Co., 369 Third St., Oakland. Special vent and drainage fittings.

Delanoy Manufacturing Co., 292 Second St., S. F. **Factory**, Alameda. Boiler rings and stands, cesspools, ash pit doors, pipe straps, vent fittings, hub couplings, drainage fittings, cement laundry trays, tray legs.

Empire Foundry Co., Inc., 433 Third St., Oakland. Portable basket mantel grates, ash pit doors, ash pit dumps, patent chimney plates, grate bars, single and double dampers, concrete dampers, ventilator plates.

Graham, James, Manufacturing Co., 531 Mission St., S. F. **Works**, Newark. Hoppers, cesspools, sidewalk boxes, boiler stands, boiler rings, etc.

Western Brass and Plating Works, 174 Minna St., S. F.

PNEUMATIC MACHINES

Rix Compressed Air and Drill Co., 371 Market St., S. F.

POLES—TELEGRAPH AND TELEPHONE—REDWOOD SAWED

Caspar Lumber Co., Kohl Bldg., S. F. **Mill**, Caspar, Humboldt County.

Metropolitan Redwood Lumber Co., 1 Drumm St., S. F. **Mill**, Metropolitan, Humboldt County.

Union Lumber Co., Crocker Bldg., S. F. **Mills** at Mendocino and Fort Bragg, Mendocino County.

POP CORN

California Specialty Mfg. Co., 618 Franklin St., S. F.

PORTER

Anchor Brewery, Shattuck Ave. and Forty-ninth St., Oakland.

Buffalo Bottling Co., 751 Cypress St., Oakland.

North Star Brewing Co., 314 Army St., S. F.

Red Lion Ale and Porter Brewing Co., Geary and Baker Sts., S. F.

Wunder Brewing Co., Scott and Lombard Sts., S. F.

POST CARDS

Britton & Rey, 522 Sacramento St., S. F.

Janssen Lithogravure and Label Co., 533 Mission St., S. F.

Mitchell, Edward H., 3363 Army St., S. F.

Schmidt Lithograph Co., Second and Bryant St., S. F.

Spaulding Novelty Co., 693 Mission St., S. F.

POSTS—SPLIT REDWOOD

Caspar Lumber Co., Kohl Bldg., S. F. **Mill**, Caspar, Humboldt County.

Hobbs, Wall & Co., Fife Bldg., S. F. **Mill**, Crescent City, Del Norte County.

Metropolitan Redwood Lumber Co., 1 Drumm St., S. F. **Mill**, Metropolitan, Humboldt County.

Union Lumber Co., Crocker Bldg., S. F. **Mills** at Mendocino and Fort Bragg, Mendocino County.

White Lumber Co., L. E., Balboa Bldg., S. F. **Mills** at Greenwood and Point Arena, Mendocino County.

POULTRY FOOD

California Rex Spray Co., Benicia. Poultry tonics.

Cluff, William, Company, Spear and Mission Sts., S. F.

Oakland Meat and Packing Co., Sixty-fifth and Bay Sts., Oakland.
Chicken feed.

Pacific Guano and Fertilizer Co., The, 268 Market St., S. F. **Factory**, West Berkeley.

Manhattan Food Co., 1001 E. Fourteenth St., Oakland.

Taaffe, Wm., Co., Inc., Monadnock Bldg., S. F.

Western Meat Company, Sixth and Townsend Sts., S. F. **Factory**, So. San Francisco.

POWDER (See Explosives)

POWDER—PHARMACEUTICAL

Clyde Chemical Co., 707 Mission St., S. F. Dressing and foot powder.

Insecticide Company, The, 653 Phelan Bldg., S. F.

POWER LINE EQUIPMENT

Benicia Iron Works, Pacific Bldg., S. F. **Factory**, Benicia.

POWER PLANTS

Union Iron Works Company, Twentieth and Michigan Sts., S. F.

Union Machine Co., 934 Brannan St., S. F.

PRESERVED WOOD

San Francisco Timber Preserving Co., 320 Market St., S. F. **Factory**, East San Rafael. Preserving piles for wharves, trestle and bridge construction, railway ties, construction lumber, telegraph cross-arms with creosote injection. Treating of telegraph poles, butts and structural lumber by evaporation and absorption process.

PRESSES

Cyclops Iron Works, 223 Main St., S. F. Wood branding.

Gray, J. A., Company, Eighteenth and Bryant Sts., S. F. Stamping presses, (hand, foot, power).

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works**, Sunnyvale.
Filter presses.

Main Street Iron Works, 163 Main St., S. F. Hydraulic.
North Machine Co., 324 Main St., S. F. Wood branding.
Schell, M. P., 1759 Union St., S. F. Sub presses.
Toulouse & Delorieux Co., 489 Eighth St., S. F. Hydraulic bailing,
screw bailing, wine, oil and cider presses.

PRESSES—CAR WHEEL

Moore & Scott Iron Works, Main and Howard Sts., S. F.

PRESS ROOM SPECIALTIES

Reed, Geo. Russell, Co., 645 Battery St., S. F.

PROPELLERS

Main Street Iron Works, 163 Main St., S. F.
Risdon Iron and Locomotive Works, First and Market Sts., S. F.
Union Iron Works Company, Twentieth and Michigan Sts., S. F.
Western Foundry Co., 215 Harrison St., S. F. Bronze, brass, iron, semi-
steel.

PROSPECTING OUTFITS

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works**, Sunnyvale.

PULLEYS

Bay City Iron Works, 695 Washington St., S. F.
California Belting & Supply Co., 1425 Mission S. F. Wood split.
Farnsworth Electric Works, 132 Second St., S. F. Motor.
Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works**, Sunnyvale.
Judson Manufacturing Co., 819 Folsom St., S. F. **Factory**, foot of Park
ave., Oakland.
Meese Gottfried Co., 55 Main St., S. F.
Pelton Water Wheel Co., The, Monadnock Bldg., S. F.
Roberts, L. V., Machine Works, 49 Clementina St., S. F. Iron pulleys.

PUMPING OUTFITS—ELECTRICAL

Farnsworth Electrical Works, 132 Second St., S. F.

PUMP LEATHERS

Cook Belting Co., H. N., 317 Howard St., S. F. Cup leathers for pumps.
Heins, Alex., Belting Co., 2413 Harrison St., S. F.
Kelly-Linehan Belting Co., 2192 Folsom St., S. F.

PUMPS

- Cleveland Faucet Co.**, 531 Eighth St., Oakland. Beer pumps.
- Compressed Air Machinery Co., The**, Stevenson and Ecker Sts., S. F.
Vacuum and all kinds.
- Doak Gas Engine Co.**, 7 First St., S. F. Power, irrigating.
- Doble, Abner Company**, 411 Howard St., S. F. Centrifugal and turbine pumps.
- Dow, Geo. E., Pumping Engine Co.**, 179 First St., S. F. **Factory**, Alameda. Steam, power, air, wine pumps, centrifugal, well pumping machinery, marine and stationary.
- Evans, C. H. Co.**, 187 Fremont St., S. F. Steam, surface, deep well, windmill, canners' air.
- Garratt, W. T. & Co.**, 138 Fremont St., S. F. Hand and power pumps, deep well.
- Golden West Pump Co.**, 311 Harriet St., S. F. Centrifugal, centrifugal mining pumps, deep well double acting and single acting plunger pumps.
- Haslehursts, W. W., Machinery and Enigneering Works**, 2122 Folsom St., S. F. Centrifugal pumps for irrigation work, sewage pumping plants.
- Hendy, Joshua, Iron Works**, 75 Fremont St., S. F. **Works**, Sunnyvale. Centrifugal mining and sinking.
- Jackson, Byron, Iron Works, Inc.**, 331 Market St., S. F. **Factory**, Berkeley. Turbine, deep well, patent gold dredge pumps, horizontal and vertical centrifugal pumps.
- Johnson, S. T., Co.**, 1334 Mission St., S. F. Oil pumps, rotary type.
- Kingwell, L.**, 1038 Mission St., S. F. Deep well pumps.
- Krogh Manufacturing Co.**, 147 Beale St., S. F. Centrifugal, turbine, rotary, oil, jack head, cornish, deep well, triplex pumps.
- Main Street Iron Works**, 163 Main St., S. F. Centrifugal.
- Mutual Engineering Co.**, 1550 Bryant St., S. F. Piston, centrifugal.
- Parsons & Blackmon Machine Co.**, 311 Harriet St., S. F. Centrifugal pumps for irrigation and mining purposes, deep well plunger pumps.
- Price, G. W., Pump and Engine Co.**, 33 Stevenson St., S. F. Water works, triplex, centrifugal, turbine, deep well pumps.
- Risdon Iron and Locomotive Works, The**, First and Market Sts., S. F. High lift centrifugal, corliss steam pumps.
- Roberts, L. V., Machine Works**, 49 Clementina St., S. F. Centrifugal and gear pumps.

Toulouse & Delorieux Co., 489 Eighth St., S. F. Wine, must and paper pulp pumps.

United Engineering Works, 224 Spear St., S. F. Centrifugal.

United Faucet Co., 1128 Mission St., S. F. **Factory**, 864 Clay St., Oakland. Carbonic acid gas beer, simplex and hydraulic air pumps.

United Iron Works, Second and Jefferson Sts., Oakland. Centrifugal, slime, step pressure, dredging pumps.

PUTTY

California Paint Co., 1797 Twelfth St., Oakland.

RACKS

Jungblut, August Co., 833 Fillmore St., S. F. Cue and ball.

RADIATORS

Bauer Lamp Reflector and Electric Sign Co., 528 Gough St., S. F.

Golden Eagle Sheet Metal Works, The, 401 McAllister St., S. F.

RAILROAD TIES—SPLIT REDWOOD

Albion Lumber Co., 145 Berry St., S. F. **Mill**, Albion, Mendocino County.

Caspar Lumber Co., Kohl Bldg., S. F. **Mill**, Caspar, Humboldt County.

Dolbeer & Carson Lumber Co., Merchants Exch. Bldg., S. F. **Mill**, Eureka, Humboldt County.

Metropolitan Redwood Lumber Co., 1 Drumm St., S. F. **Mill**, Metropolitan, Humboldt County.

Northern Redwood Lumber Co., 16 California St., S. F. **Mill**, Korbelt, Humboldt County.

Union Lumber Co., Crocker Bldg., S. F. **Mills** at Mendocino and Fort Bragg, Mendocino County.

White Lumber Co., L. E., Balboa Bldg., S. F. **Mills** at Greenwood and Point Arena, Mendocino County.

RAILWAY MOTOR CARS

Hall-Scott Motor Car Co., Crocker Bldg., S. F.

RANGE FINDERS (See Machinery General)

RANGES (See Stoves)

RAT POISONS

Rogers, R. R., Chemical Co., 527 Commercial St., S. F.

RATTAN GOODS

Coulter's Rattan Works, 1141 Sutter St., S. F.

Oakland Rattan Co., Twenty-eighth and San Pablo Ave., Oakland. Go-carts, baby carriages, rattan, willow and paccorat and iccotan furniture.

Pacific Rattan Co., Market St. and Marshall Square, S. F. **Factory**, Eighth and Clay Sts., Oakland. Go-carts, baby carriages, rattan, willow and rush furniture, trunks, trucks and baskets.

RECEIVERS—AIR (See Air Receivers)

RED LEAD

Fuller, W. P. & Co., Mission and Beale Sts., S. F.

National Lead Co. of California, Merchants Exchange Bldg., S. F. **Factory**, Selby.

REFLECTORS

Bauer Lamp Reflector and Electric Sign Co., 528 Gough St., S. F.

Boesch Lamp Co., 1135 Mission St., S. F.

Pacific Lamp and Reflector Factory, 1135 Mission St., S. F.

REFRIGERATORS

Coolidge, Geo. H., 170 Fulton St., S. F.

Golden Gate Refrigerator Co., 3101 Turk St., S. F.

Fincke, Oscar, 116 Bryant St., S. F.

Pacific Refrigerator Machine Co., 1628 Webster St., Alameda.

Pacific Store and Office Fixture Co., Inc., 3253 Sixteenth St., S. F.
Butchers' and grocers' refrigerators.

Schafer, Geo., 724 Bryant St., S. F. For butchers, saloons and restaurants.

REGISTERS

Autographic Register Co. of San Francisco, 38 Clementina St., S. F.
Billing system, shipping receipt, cash and charge.

RELISHES

California Pickle and Sauce Co., First St., bet. Webster and Harrison Sts., Oakland. Pickles, sauces and catsup.

Lewis Packing Co., 950 Montgomery Ave., S. F. Catsup, condiments, pickles, tinned fruits.

Mueller Bros., Second and Grove Sts., Oakland. Vinegar pickles, mustard, chow chow, catsup and pickle products.

Pacific Preserve Co., 849 Howard St., S. F. **Factory**, San Leandro.

Reed Pickle Works, 1507 Folsom St., S. F. Catsup, sauces and relishes.

S. & S. Packing Co., 112 Market St., S. F. **Factory**, 1259 Willow St., Oakland. Tomato chutney.

Wright, E. A., 2160 Chestnut St., Oakland. Sauces, Mexican relishes, raspberry vinegar.

RENOVATORS

Vacuum Specialty Co., 238 Sacramento St., S. F. Portable vacuum cleaners.

RETORTS

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works**, Sunnyvale. Amalgam.

Pioneer Press & Iron Works, Inc., 980 Natoma St., S. F. Retorts for fruit and fish canning.

RIVETS

Judson Manufacturing Co., 819 Folsom St., S. F. **Factory**, foot of Park Ave., Oakland.

Pacific Rolling Mill Co., Seventeenth and Mississippi Sts., S. F.

Payne's Bolt Works, 133 Howard St., S. F.

Union Iron Works Company, Twentieth and Michigan Sts., S. F.

ROCK CRUSHERS

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works**, Sunnyvale.

ROLLED BARLEY, OATS, WHEAT (See Feeds)

ROLLERS

Schneider, A., Engineering Works, 1414 Fifteenth St., S. F. Steam street road rollers.

ROOFERS' SUPPLIES

California Sheet Metal Works, 229 Oak St., S. F.

ROOFING MATERIAL—PREPARED

Amsler Sheet Metal Works, 25 Shotwell St., S. F. Metal.

Asbestos Mfg. & Supply Co., 15 Fremont St., S. F. Asbestos roofings and supplies.

Conlin & Roberts, 410 Natoma St., S. F. Metal, slate and tile roofing, felt and gravel roofing.

Golden Eagle Sheet Metal Works, 401 McAllister St., S. F.

Guilfoy Cornice Works, 209 Eighth St., S. F. Metal.

Heidt, W., Cornice Works, 152 First St., S. F. Slate roofing and metal tile.

Paraffine Paint Co., The, 34 First St., S. F. **Factory**, Oakland.

ROPE DRESSING

Whittier, Coburn Co., 301 Howard St., S. F.

RUBBER HOSE (See Hose, Rubber)

RUBBER GOODS

American Rubber Mfg. Co., 112 Market St., S. F. **Factory**, Emeryville.

Bower's Rubber Works, 68 Sacramento St., S. F. **Factory**, Black Diamond.

Goodyear Rubber Co., 587 Market St., S. F.

Gorham Rubber Co., 50 Fremont St., S. F. Rubber supplies for sugar mills, saw mills, mines, all kinds of soft rubber goods for mechanical purposes, wringer rolls, rubber heels.

RUBBER MOULDS

Christie Machine Works, 193 Fremont St., S. F.

RUBBER STAMPS

Moise-Klinkner Co., 1212 Market St., S. F.

Novelty Rubber Stamp Co., 18 Larkin St., S. F.

Patrick & Co., 560 Market St., S. F.

Tully Rubber Stamps Works, 18 Main St., S. F.

RUCHING

California Pleating Co., 270 Sutter St., S. F.

Original California Pleating Co., 177 Post St., S. F.

Pacific Ruching and Novelty Manufactory, The., 718 Mission St., S. F.

RUGS

Alameda Rug Works, 2006 Everett St., Alameda. Rugs made from old carpets.

California Rug Co., 2147 Lombard St., S. F. Made from old carpets.

California Rug Works, 1611 San Pablo Ave., Oakland. Made from old carpets.

Golden Gate Rug Co., 844 Bay St., S. F.

Lofstad & Evans, Inc., 251 Post St., S. F. Fur rugs.
Pacific Rag Rug Mfg. Co., 419 Larkin St., S. F. From old carpets.
Pioneer Carpet Cleaning and Mattress and Rug Works, 215 Illinois St.,
Vallejo. Rag rugs and carpets.
San Francisco Rug Works, 1122 Sutter St., S. F. From old carpets.

SADDLES

Grubb Co. R. P., 155 Second St., S. F.
Johnson Co., F. S., 570 Howard St., S. F.
Keyston Bros., Second and Minna Sts., S. F.
Leibold & Co., 11 Front St., S. F.
Lemon, W. F., 820 Broadway, Oakland.

SAFES, VAULTS, CHESTS, SAFE DEPOSIT BOXES

Hermann Safe Co., The, 120 Folsom St., S. F.
Herring-Hall-Marvin Safe Co., 36 Second St., S. F.
Parcells Safe Co., 577 Market St., S. F.
Waltz Safe and Lock Co., 233 California St., S. F. **Factory**, Fifth St.,
between Adeline and Chestnut streets, Oakland.

SAILS

Haviside, Withers & Davis, 34 Steuart St., S. F.
Henrix, E., 120 Howard St., S. F.
Nossen, J., 68 Clay St., S. F. Yacht sails.
Prior Co., John L., 114 Main St., S. F.
Simpson & Fisher, Inc., 118 Howard St., S. F.
White, Wallace Co., 1252 Webster St., Oakland.

SALT

American Cream Tartar Co., 624 California St., S. F. Rochelle salt.
Bloom, Samuel & Sons Co., 2734 Army St., S. F.
California Salt Co., Mills Bldg., S. F. **Works**, Alvarado, Cal.
Cluff, William, Company, Spear and Mission Sts., S. F. Celery salt.
Leslie Salt Refining Co., 320 Market St., S. F. **Works**, San Mateo, Cal.
Oliver Salt Company, Santa Marina Bldg., S. F. **Works**, Mt. Eden, Cal.
Fine dairy, table, rewashed half ground and coarse rock salt.

SALVES

Manhattan Food Co., 1001 E. Fourteenth St., Oakland.

SAND DRIERS

Eureka Boiler Works, 57 Mission St., S. F.

SANITARY FLUIDS

Hockwald Chemical and Disinfecting Co., 2211 Bush St., S. F. Crude and refined.

SARATOGA CHIPS

City of Hamburg Co., 118 Oregon St., S. F.

SASHES (See Mill Work)**SASH WEIGHTS (Also see Castings)**

Phoenix Manufacturing Co., Bay St. and Montgomery Ave., S. F.

Roberts Machine Co., L. V., 49 Clementina St., S. F.

San Francisco Sash Weight Foundry, 1226 Folsom St., S. F.

Selby Smelting and Lead Co., Merchants Exch. Bldg., S. F. Factory, Selby. Lead sash weights.

SAUERKRAUT

Reed Pickle Works, 1507 Folsom St., S. F.

SAUSAGE CASINGS

Western Butchers' Supply Co., 156 Fourth St., S. F.

SAUSAGES

Crestette & Co., B. A., 558 Seventh St., Oakland.

Heineman & Stern, 1040 McAllister St., S. F.

Milano Sausage Factory, 396 Broadway, S. F.

Mueller & Lurk, 511 Castro St., S. F.

Nordi, P., 511 Davis St., S. F.

Oakland Meat and Packing Co., Sixty-fifth and Bay Sts., Oakland.

Pacific Sausage Works, 309 Virginia St., Vallejo.

Ravoli & Tagliarini, Montgomery Ave. and Filbert St., S. F. Bologna tortellini factory.

Wilfert Bros., 5 Taylor St., S. F.

SAUCES

City of Hamberg Co., 118 Oregon St., S. F.

SAW HANDLES

Simonds Machinery Co., 12 Natoma St., S. F. Handles for cross-cut saws.

SAWS

Brunig's Machine Works, 615 Brannan St., S. F. Band saws.

California Saw Works, 721 Brannan St., S. F. Band, circular, cross-cut saws.

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works**, Sunnyvale, Santa Clara County. Swing saws.

San Francisco Saw and Tool Works, 105 Fremont St., S. F.

Sunset Saw Filing and Tool Grinding Co., The, 964 Webster St., Oakland. Butchers' saws.

SAW TABLES

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works**, Sunnyvale, Santa Clara County.

SCRAPERS (See Farming Implements)

SCREENS AND SIEVES

Fenton & Son, 15 Tehama St., S. F. Tin and brass sieves.

Oakland Wire Works, 1008 Franklin St., Oakland. Sand screens.

Reed Electric Laboratories, 370 Golden Gate Ave., S. F. **Factory**, Mayfield, Cal.

Union Blind and Ladder Co., 2243 Peralta St., Oakland.

West Coast Wire and Iron Works, 748 Folsom St., S. F. Fruit grading screens, grading screens for special purposes, sand, coal and ore screens, foundry riddles and sieves.

Wimmer, Geo., 1332 Eighteenth St., S. F. Mining screens.

SCREWDRIVERS

Chilson Automatic Plow and Traction Mfg. Co., Inc., Commercial Bldg., S. F. **Factory**, Mountain View. Any angle screwdriver.

SCREWS

Payne's Bolt Works, 133 Howard St., S. F. Cap, set and lag screws.

SEALS, STENCILS, STAMPS

Moise-Klinker Co., 1212 Market St., S. F.

Patrick & Co., 560 Market St., S. F.

Reddall, T., 38 Commercial St., S. F. Stencils.

Tully Rubber Stamps Works, 18 Main St., S. F.

SEAT COVERS

Auto Top Manufacturing Co., 491 Golden Gate Ave., S. F.

Chanslor & Lyon Motor Supply Co., 501 Golden Gate Ave., S. F.

Western Automobile Mfg. Co., 137 Hayes St., S. F.

SEEDERS (See Farming Implements)

SELTZER WATER (See Carbonating Beverages)

SEWER FLUSHERS

Phoenix Iron Works, Second and Castro Sts., Oakland.

SEWER PIPE (See Pipe)

SHAFTING

American Tool Works, 109 Mission St., S. F. Hammered iron and steel.

Judson Manufacturing Co., 819 Folsom St., S. F. Factory, Oakland.

Meese & Gottfried, 55 Main St., S. F.

Pelton Water Wheel Co., The, Monadnock Bldg., S. F.

Pennington & Sons, Geo. W., 313 Folsom St., S. F. Hammered steel propeller, thrust, intermediate, cam, rock breaker, crank shafts and connecting rods.

SHEEP DIP

Manhattan Food Co., 1001 E. Fourteenth St., Oakland.

Rogers Chemical Co., R. R., 527 Commercial St., S. F.

SHEEP, SHEARERS

Patterson Oil Burner and Clipper Co., 5312 E. Fourteenth St., Oakland.

SHEEPSKIN PRODUCTS

Corder, Thos. W., foot of Sixty-sixth St., Oakland.

SHEET IRON WORK

Anderson & Bailey, 240 Steuart St., S. F.

Bay City Iron Works, 1243 Harrison St., S. F. Sheet iron and steel work.

Berkeley Iron Works, West Berkeley, Cal.

California Boiler Works, 125 Fremont St., S. F.

California Sheet Metal Works, 229 Oak St., S. F. Specialties.

Dalziel Jr. Co., The Robert, 418 Thirteenth St., Oakland.

Doak Sheet Steel Co., Eighth and Irwin Sts., S. F. Corrugated iron.
 Keystone Boiler Works, Main and Folsom Sts., S. F.
 Ocean Shore Iron Works, 550 Eighth St., Oakland.
 Pioneer Press and Iron Works, 980 Natoma St., S. F.
 Smith Co., Francis, 9 Fremont St., S. F.
 Western Expanded Metal and Fireproofing Co., 426 Crocker Bldg., S. F.

SHEET METAL WORK

Amsler Sheet Metal Works, 25 Shotwell St., S. F.
 Anderson & Bailey, 240 Steuart St., S. F.
 Appmann Cornice Works, 446 Seventh St., S. F.
 Bechtel, Otto, 1828 Lincoln Ave., Alameda.
 Blakeway, John H., 105 Beale St., S. F.
 Boesch Lamp Co., Inc., 1135 Mission St., S. F.
 Bredhoff & Grimley, 47 Sacramento St., S. F.
 Conlin & Roberts, 410 Natoma St., S. F.
 Cronan's Eagle Cornice Works, 336 Guerrero St., S. F.
 Day, Thomas, Co., 725 Mission St., S. F.
 De Luchi-Shufelt Co., Twenty-fourth and San Pablo Ave., Oakland.
 Fenton & Son, 15 Tehama St., S. F.
 Ferry Sheet Metal Works, 892 Folsom St., S. F.
 Forderer Cornice Works, 269 Potrero Ave., S. F.
 Globe Sheet Metal Works, 1929 Market St., S. F.
 Golden Eagle Sheet Metal Works, The, 401 McAllister St., S. F.
 Golden & Elgin, 1265 Fourteenth Ave., Oakland.
 Guilfooy Cornice Works, 209 Eighth St., S. F.
 Heidt Cornice Works, W., 152 First St., S. F. t
 LaHaye Manufacturing Co., 298 Eleventh St., S. F.
 Mangrum & Otter, Inc., 561 Mission St., S. F.
 Moerison & Bevilockway Co., 110 Steuart St., S. F.
 Montague & Co., W. W., 563 Market St., S. F.
 Oakland Sheet Metal Works, 842 Franklin St., Oakland.
 Pacific Blower and Heating Co., 3261 Seventeenth St., S. F.
 Pacific Copper Works, 573 Mission St., S. F.
 Phoenix Iron and Sheet Metal Works, 548 Bryant St., S. F.
 Rees Blow Pipe Mfg. Co., 340 Seventh St., S. F.
 Richmond Sheet Metal and Pumping Works, Richmond, Cal.
 Roth Mfg. Co., A. N., 1175 Mission St., S. F.
 Rulofson Metal Window Works, Eighth and Brannan Sts., S. F.
 San Francisco Cornice Co., Inc., Bryant and Dove Sts., S. F.

Sanders & Co.'s Copper Works, 304 Howard St., S. F.

Schmidt, Geo. W., Heating and Ventilating Co., 1160 Webster St., Oakland.

Shield's, Thos., Sheet Metal Works, 571 Mission St., S. F.

Smoot Co., Inc., 623 B St., San Mateo, Cal.

Stalder & Hinkelbein, 1553 Polk St., S. F.

Swain & Whitman, 81 Market St., S. F.

Vanni, A., Mason and Bay Sts., S. F.

Western Automobile Mfg. Co., 137 Hayes St., S. F.

SHELLACS (See Varnishes)

SHELLS—NOVELTY AND JEWELRY

Hettrich Co., A. L., 508 Washington St., S. F.

SHINGLES, SHAKES—REDWOOD, SAWED AND SPLIT

Albion Lumber Co., 145 Berry St., S. F. Mill, Albion, Mendocino County.

Bayside Lumber Co., 1 Drumm St., S. F. Mill, Eureka, Humboldt County.

Caspar Lumber Co., Kohl Bldg., S. F. Mill, Caspar, Humboldt County.

Dolbeer & Carson Lumber Co., Merchants Exch. Bldg., S. F. Mill, Eureka, Humboldt County.

Hammond Lumber Co., Merchants Exch. Bldg., S. F. Mill, Eureka, Humboldt County.

Hobbs, Wall & Co., Fife Bldg., S. F. Mill, Crescent City, Del Norte County.

Holmes Eureka Lumber Co., Monadnock Bldg., S. F. Mill, Eureka, Humboldt County.

McKay & Co., 110 Market St., S. F. Mill, Eureka, Humboldt County.

Metropolitan Redwood Lumber Co., 1 Drumm St., S. F. Mill, Metropolitan, Humboldt County.

Northern Redwood Lumber Co., 16 California St., S. F. Mill, Korb, Humboldt County.

Pacific Lumber Co., The, 16 California St., S. F. Mill, Scotia, Humboldt County.

Stearns Lumber Co., Flood Bldg., S. F. Mill, Wendling.

Union Lumber Co., Crocker Bldg., S. F. Mills at Mendocino and Fort Bragg, Mendocino County.

White Lumber Co., L. E., Balboa Bldg., S. F. Mills at Greenwood and Point Arena, Mendocino County.

SHIP BUILDING

- Anderson, H. P.**, 850 Ninth Ave., S. F. Barges and wooden boats.
- Cal. Launch Works**, north side of Park St. bridge, Oakland. Boats and launches.
- Cryer, William**, foot of Eleventh Ave. and Ninth St., Oakland. Small sea-going sail and steam vessels.
- Dickie, John W.**, 48 Steuart St., S. F. Wooden sailing and steam vessels, barges and lighters.
- Kneass, G. W.**, Eighteenth and Illinois Sts., S. F. Metallic life boats, skiffs, dingies, yawl boats and motor boats.
- Krone-Thompson Co.**, Fifth Ave., between H and I Sts., So. S. F. Barges and wooden boats.
- Moore & Scott Iron Works**, Main and Howard Sts., S. F. **Yards**, foot of Adeline St., Oakland. Wood and steel vessels.
- Munder, Wm., & Sons**, 956 Fifth Ave., So. S. F. Barges and wooden boats.
- Ray Manufacturing Co., W. S.**, 26 Steuart St., S. F. Patent life boats.
- Risdon Iron and Locomotive Works, The**, First and Market Sts., S. F. Steel.
- Schultze, Robertson & Schultze**, Fifth Ave. and K St., So. S. F. Wooden boats.
- Twigg, John, & Sons**, Illinois St., near Eighteenth, S. F. Launches, yachts, speed boats, motor boats, tug boats, lighters, yawls and all kinds of wooden boats, metallic life boats.
- Union Iron Works Company**, Twentieth and Michigan Sts., S. F. Battleships, armored cruisers, protected cruisers, gunboats, torpedo boats, torpedo boat destroyers, submarines, merchant vessels, passenger, cargo and oil tank steamers.
- United Engineering Works**, 224 Spear St., S. F.

SHIP RIGGING

- Havise, Withers & Davis**, 34 Steuart St., S. F.

SHIPSMITHS

- Chresteffersen & Tway**, 420 Beale St., S. F. Chains, shackles, mooring, turnbuckles.
- Edwards, William, & Co.**, 111 Fremont St., S. F.

SHIP WARE

- Anderson & Bailey**, 240 Steuart St., S. F., ship ware for galleys.

SHIRTS

Armer, A. M., & Co., 760 Mission St., S. F. Negligee.

Cal. Blanket and Flannel Mills, 760 Mission St., S. F. Flannel' and cassimere.

Eagleson-Hawkins Co., 63 First St., S. F.

Easton, D. A., & Co., 117 Grant Ave., S. F. Custom shirts, dress and negligee, bar and office coats.

Elk Head Shirt Factory, 779 Mission St., S. F.

Eloesser-Heynemann Co., 77 Battery St., S. F. **Factories,** S. F. and Petaluma.

Greenbaum, Weil & Michaels, 740 Mission St., S. F. Boys' and men's.

Murphy, Grant & Co., Sansome and Bush Sts., S. F.

Neustadter Bros., First and Mission Sts., S. F.

Rogerson, I. C., 1017 Valencia St., S. F.

Smith, Cassidy & Co., 394 McAllister St., S. F. Flannel.

Strauss, Levi & Co., Fourteenth and Valencia Sts., S. F. Shirts, jumpers, blouses.

SHOCK ABSORBERS

Ker Lloyd Iron Works, 252 Spear St., S. F. Automobile.

SHOE DRESSINGS

Scott & Gilbert, 45 Ecker St., S. F.

SHOES (See Boots and Shoes)

SHOES AND DIES

American Tool Works, 109 Mission St., S. F. Hammered steel.

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works,** Sunnyvale, Santa Clara Co.

Pennington, Geo. W., & Sons, Inc., 313 Folsom St., S. F. Hammered steel shoes and dies for stamp mills.

SHOT AND SHELLS

Selby Smelting and Lead Co., Merchants Exch. Bldg., S. F. **Works,** Selby. Shot, loaded shot and gun shells.

SHOW CASES

Brass & Kuhn Co., 58 Dearborn Pl., S. F.

California Fixture Co., 1345 Mission St., S. F.

Diamond Patent Show Case Co., 1617 Mission St., S. F.

Emanuel, L. & E., Inc., 144 Twelfth St., S. F.

Hertstein, A., & Son, 311 Florida St., S. F. Show cases and wall cases for jewelers' use.

Iowa Fixture Co., The, 670 McAllister St., S. F.

Levin Show Case and Fixture Co., 710 McAllister St., S. F.

Levi, S., Woodworking Co., 446 Sixth St., S. F.

Meek, T. H., Company, 1165 Mission St., S. F.

Murray Show Case and Fixture Co., 136 Twelfth St., S. F.

Ostrowski, Frank S., & Son, 226 Eighth St., S. F.

Western Woodworking Co., 666 Guerrero St., S. F.

SHUTTERS—DOORS (Tin clad)

Rulofson Metal Window Works, Eighth and Brannan Sts., S. F.

SIDEWALK LIGHTS AND DOORS

Dwan, J. E., & Company, 149 Tehama St., S. F. Plain and prism.

Jackson, P. H., & Company, 225 First St., S. F. Sidewalk lights, water-proof sidewalk doors, plain sidewalk doors, automatic opening and closing devices for sidewalk doors, coal hole covers and rims.

SIDEWALKS

Jackson, P. H., & Company, 225 First St., S. F. Patent and artificial stone sidewalks.

SIEVES (See Screens)

SIGNS

Bauer Lamp Reflector and Electric Sign Co., 528 Gough St., S. F. Electric.

California Art Glass B. & C. Works, Inc., 768 Mission St., S. F.

Cal. Gas Fixture Co., 357 Ellis St., S. F. Metal.

Feintuch Display Fixture Co., 134 Sansome St., S. F. Metal bracket.

Lambert, W. D., 16 Summer St., S. F. Wood, metal and cloth.

Moise-Klinkner Co., 1212 Market St., S. F. Metal, glass, brass, electric, enameled, bronze, roof.

Novelty Electric Sign Co., 857 Ellis St., S. F. Electric.

Patrick & Co., 560 Market St., S. F. Enameled and brass.

Pioneer Sign Co., 308 Gough St., S. F. Glass advertising.

Rudgear-Merle Co., 200 Bay St., S. F. Bronze.

Triumph Metal Works, 1265 Franklin St., Oakland. Brass signs.

West Coast Wire and Iron Works, 748 Folsom St., S. F. Wire signs.

SILK THREAD

Carlson Currier Co., 110 Sansome St., S. F. **Factory**, Petaluma. Machine twist, sewing, embroidery, knitting, crochet silks for all kinds and purposes.

SILVERWARE

Bellis, John O., 328 Post St., S. F.

Monsen Bros., 825 Forty-seventh St., Oakland.

Shreve & Co., Post St. and Grant Ave., S. F.

SILVERWARE CHESTS

Muhs & Lochbaum Co., 114 Kearny St., S. F. Hardwood, polished or leather or paper covered.

SINKERS—LEAD

Selby Smelting and Lead Co., Merchants Exch. Bldg., S. F. **Works**, Selby.

SINKS

Ils, John G., & Co., 827 Mission St., S. F. Galvanized iron.

Steiger Terra Cotta and Pottery Works, Mills Bldg., S. F. **Factory**, South S. F.

SKINS

Taaffe, Wm., Tanning Co., Monadnock Bldg., S. F. Sheep, goat and pig skins.

SKIRTS

California Pleating Co., 270 Sutter St., S. F. Pleated dress.

SKYLIGHTS

Amsler Sheet Metal Works, 25 Shotwell St., S. F. Metal.

Appmann Cornice Works, 446 Seventh St., S. F.

California Sheet Metal Works, 229 Oak St., S. F.

Conlin & Roberts, 410 Natoma St., S. F.

Cronan's Eagle Cornice Works, 336 Guerrero St., S. F.

De Luchi-Shufelt Co., Twenty-fourth St. and San Pablo Ave., Oakland.

Dwan, J. E., & Company, 149 Tehama St., S. F. Luxfer prism skylights.

Ferry Sheet Metal Works, 892 Folsom St., S. F.

Forderer Cornice Works, 269 Potrero Ave., S. F.

Globe Sheet Metal Works, 1929 Market St., S. F.

Golden Eagle Sheet Metal Works, The, 401 McAllister St., S. F.

Guilfoyl Cornice Works, 446 Seventh St., S. F.

Heidt, W., Cornice Works, 152 First St., S. F.
Majestic Sheet Metal Works, 1068 McAllister St., S. F.
Oakland Sheet Metal Works, 842 Franklin St., Oakland.
Phoenix Iron and Sheet Metal Works, 548 Bryant St., S. F.
Richmond Sheet Metal and Plumbing Works, Richmond.
Rulofson Metal Window Works, Eighth and Brannan Sts., S. F.
San Francisco Cornice Co., Inc., Bryant and Dove Sts., S. F.
Schmidt, Geo. W., Heating and Ventilating Co., 1160 Webster St., Oakland.
Shield's, Thos., Sheet Metal Works, 571 Mission St., S. F.
Stalder & Hinkelbein, 1553 Polk St., S. F.
Standard Manufacturing Co., 24 Fell St., S. F.
United Sheet Metal Works, 575 Howard St., S. F.

SLEEPING BAGS (See Bags)

SLEEVES—AUTOMOBILE TIRES

Graton & Knight Mfg. Co., The, 30 Fremont St., S. F.

SLOTTED STEEL STUDDING

San Francisco Fireproofing Co., Metropolis Bldg., S. F.

SMELTING AND REFINING

Mountain Copper Co., Ltd., The, 150 Pine St., S. F. **Factory**, Lewis.
Smelt gold, silver, copper ores for the public.
Richmond Chemical Co., Russ Bldg., S. F. **Smelter**, Richmond, Cal. Ore
reducing cyanide plant.

SMELTING WORKS EQUIPMENT

Benicia Iron Works, Pacific Bldg., S. F. **Factory**, Benicia.
Pacific Foundry Co., Eighteenth and Harrison Sts., S. F.

SMOKE HOUSE DOORS

Pioneer Press and Iron Works, 980 Natoma St., S. F. For metal curing.

SMOKE STACKS

Anderson & Bailey, 240 Steuart St., S. F.
Bay City Iron Works, 1243 Harrison St., S. F.
Berkeley Iron Works, West Berkeley.
California Boiler Works, 125 Fremont St., S. F.

Dalziel, Robert, Jr., The, Co., 418 Thirteenth St., Oakland.
Dundon's Iron Works, 225 Folsom St., S. F.
Eureka Boiler Works, 57 Mission St., S. F.
Ferry Sheet Metal Works, 892 Folsom St., S. F.
Globe Sheet Metal Works, 1929 Market St., S. F.
Iron and Steel Contracting Co., The, 217 San Bruno Ave., S. F.
Keystone Boiler Works, Main and Folsom Sts., S. F.
McMaster, D. J., Machinery Co., 1114 Folsom St., S. F.
Ocean Shore Iron Works, 550 Eighth St., S. F.
Pioneer Press and Iron Works, Inc., 980 Natoma St., S. F.
Richmond Sheet Metal and Plumbing Works, Richmond.
Risdon Iron and Locomotive Works, First and Market Sts., S. F.
Reuter Bros. Boiler and Sheet Metal Works, 41 West El Dorado St., S. F.
Smith, Francis, 9 Fremont St., S. F.
Union Iron Works Company, Twentieth and Michigan Sts., S. F.
United Sheet Metal Works, 575 Howard St., S. F.

SOAP KETTLES AND FRAMES

Iron and Steel Contracting Co., The, 217 San Bruno Ave., S. F.

SOAP

Crystalline Soap Co., Army St., bet. Hampshire and York Sts., S. F.
Fischbeck Soap Co., Seventeenth and Rhode Island Sts., S. F.
Lucy, C. R., & Co., 100 San Bruno Ave., S. F.
Luhn, Otto, & Co., 117 Diamond St., S. F. Laundry, toilet, scouring and shaving.
Newell & Bro. (N. Y. Soap Co. Factory), 2720 Army St., S. F.
Pacific Coast Borax Co., Albany Block, Oakland. **Factory**, Alameda Point, Alameda.
Peet Bros. Manufacturing Co., 628 Third St., S. F. Laundry, toilet soaps and soap chips.
Pioneer Soap Co., 24 California St., S. F. Laundry, toilet and salt water.
Royal Soap Co., Fourth Ave. and N. St., So. S. F. Laundry soap (rosin), chipped soap (tallow).
Standard Oil Co., 461 Market St., S. F. **Factory**, Richmond. Whale oil soap.
Standard Soap Co., The, West Berkeley.
Whittier Coburn Co., 301 Howard St., S. F.

SODA WATER (See Carbonating Beverages)**SOUVENIRS**

Hettrich, A. L., 508 Washington St., S. F.

SPARS

Anderson, H. P., 850 Ninth St., So. S. F.

SPICES

Folger, J. A. & Co., Howard and Spear Sts., S. F.

Hills Bros., 175 Fremont St., S. F.

Schilling, A., & Co., Second and Folsom Sts., S. F.

Scott & Gilbert, 45 Ecker St., S. F.

Straddling, J. Frank, 1145 Hayes St., S. F. Sausage, scropple, poultry and chili molido seasoning.

Tillmann & Bendel, Pine and Davis Sts., S. F.

Western Butchers' Supply Co., 156 Fourth St., S. F. Ground spices.

SPIKES (See Nails)**SPIRAL SPRINGS**

American Steel and Wire Co., Sixteenth and Folsom Sts., S. F. Furniture and bed springs, helical and special wire springs.

Bernhard Mattress Co., 793 Mission St., S. F.

Cleese, John P., Company, Inc., Eighteenth and York Sts., S. F.

Crescent Feather Co., Inc., Nineteenth and Harrison Sts., S. F.

SPRINGS

Betts Spring Company, 218 Fremont St., S. F. Carriage, wagon and automobile springs.

S. F. Saw and Tool Works, 105 Fremont St., S. F.

Sohst Carriage Co., Eighth and Franklin Sts., Oakland.

STAIR BUILDERS

Carrier, J. T., & Sons, 707 Washington St., Oakland.

Clay Street Planing Mill, Fourth and Clay Sts., Oakland.

Jackson, P. H., & Company, 225 First St., S. F. Illuminating.

Porter, W. F., 724 Bryant St., S. F.

Western Stair Works, 269 Seventeenth St., S. F.

STAIRS—IRON

Central Iron Works, 621 Florida St., S. F.

Golden Gate Structural and Ornamental Iron Works, 1435 Mission St., S. F. Iron and cast iron stairs.

Jackson, P. H., & Company, 225 First St., S. F. Illuminating.

Western Iron Works, 141 Beale St., S. F.

Zenith Iron Works, Mariposa and Texas Sts., S. F.

STAMP MILLS

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. Works, Sunnyvale, Santa Clara Co.

Moore & Scott Iron Works, Main and Howard Sts., S. F.

Risdon Iron and Locomotive Works, First and Market Sts., S. F. Stamp mills and roller quartz mills.

Union Iron Works Company, Twentieth and Michigan Sts., S. F.

United Iron Works, Second and Jefferson Sts., Oakland.

STEAM SEPARATORS

Moore & Scott Iron Works, Main and Howard Sts., S. F.

STEAM TRAPS

Garratt, W. T., & Co., 138 Fremont St., S. F.

STEEL WORK

Falls Manufacturing Co., 370 Fremont St., S. F. Steel work for the hardware trade, contractors and builders, lumber mills, plumbers and steam fitters, mines and quarries, ship chandlers, gas and water companies, railroads and electric companies.

Pacific Coast Boiler Works, 235 Main St., S. F.

Parcells Safe Co., 577 Market St., S. F. Steel shelving and racks.

Pennington, Geo. W., & Sons, 313 Folsom St., S. F. Hammered steel propeller, thrust, intermediate, cam, rock breaker, crank shafts, connecting rods, crusher plates bar steel, tool steel, drill, pick, German hammer, hooksteel.

Pioneer Press and Iron Works Co., Inc., 980 Natoma St., S. F. Steel plate construction.

S. F. Iron Works, 35 Shotwell St., S. F.

STEERING GEARS

Evans, C. H., Co., 187 Fremont St., S. F. Steam or engine.

STENCILS (See Seals)**STEP LADDERS (See Ladders)****STEREOPTICON MACHINES**

Eureka Electric and Eng. Co., Inc., 158 Fifth St., S. F.

STOCK FOODS

California Rex Spray Co., Benicia.

STORE FIXTURES (See Fixtures)**STOUT**

Red Lion Ale and Porter Brewing Co., Geary and Baker Sts., S. F.

STOVES AND RANGES

Graham, James, Manufacturing Co., 531 Mission St., S. F. Works,
Newark.

Holbrook, Merrill & Stetson, Sixth and Townsend Sts., S. F.

Ils, John G., & Co., 827 Mission St., S. F.

Mamlar, N., 232 Perry St., S. F. Camp stoves.

Mission Foundry and Stove Works, Treat Ave. and Nineteenth St., S. F.

Moerison & Bevilockway Co., 110 Steuart St., S. F. Ship stoves.

Pacific Sheet Metal Works, 308 Seventh St., S. F. Camp stoves and
ranges and gas ovens.

Ray, W. S., Manufacturing Co., 26 Steuart St., S. F.

Steiger & Kerr Stove and Foundry Co., Eighteenth and Folsom Sts., S. F.

STRUCTURAL IRON WORK

Bay City Iron Works, 1243 Harrison St., S. F.

Brode & Clark Iron Works, 621 Howard St., S. F.

Dyer Bros., Sixteenth and Kansas Sts., S. F.

McCormick Bros. Iron Works, Main and Folsom Sts., S. F. Struc-
tural C. I.

Mortensen Construction Co., Nineteenth and Indiana Sts., S. F.

North Star Iron Works, 1271 Folsom St., S. F.

S. F. Iron Works, 35 Shotwell St., S. F.

Vallejo Carriage Works, 739 Marin St., Vallejo.

Vulcan Iron Works, 604 Mission St., S. F.

Western Iron Works, 141 Beale St., S. F.

Zenith Iron Works, Mariposa and Texas Sts., S. F.

STRUCTURAL STEEL WORK

- Bay City Iron Works**, 1243 Harrison St., S. F.
Berkeley Steel Co., 628 Montgomery St., S. F. **Factory**, Richmond.
Brode & Clark Iron Works, 621 Howard St., S. F.
Central Iron Works, 621 Florida St., S. F.
Dyer Bros., Sixteenth and Kansas Sts., S. F.
Judson Manufacturing Co., 819 Folsom St., S. F. **Factory**, foot of Park Ave., Oakland.
Mortensen Construction Co., Nineteenth and Indiana Sts., S. F.
Pacific Boiler Works, 235 Main St., S. F.
Pacific Rolling Mill Co., Seventeenth and Mississippi Sts., S. F.
Pacific Structural Iron Works, 370 Tenth St., S. F.
Ralston Iron Works, Twentieth and Indiana Sts., S. F.
Schrader Iron Works, 1247 Harrison St., S. F.
Union Iron Works Company, Twentieth and Michigan Sts., S. F.
Vulcan Iron Works, 604 Mission St., S. F.
Western Iron Works, 141 Beale St., S. F.
Withington Iron Works, 416 Second St., S. F.

STUCCO WORK

- Giovenone, E., & Co.**, 660 Washington St., Oakland. Cement, plaster staff and stucco decorations.
Jurgewitz Stucco Works, 1316 Twentieth Ave., Oakland. Staff and stucco work.
Menzer, C., & Son, 862 Folsom St., S. F. Architectural modelers and sculptors, stucco workers.

STUDS

- Payne's Bolt Works**, 133 Howard St., S. F.

SUBMARINE BOATS (See Ship Building)**SUCTION CLEANING MACHINES**

- American Faucet Co., Inc.**, 827 Folsom St., S. F. Portable.

SUGAR

- Alameda Sugar Co.**, 268 Market St., S. F. **Factory**, Alvarado.
California and Hawaii Sugar Refining Co., 254 California St., S. F. **Factory**, Crockett, Cal.

Long Syrup Refining Co., Sixteenth and Division Sts., S. F. Bar and powdered.

Saroni, Louis, 737 Battery St., S. F. Bar and powdered.

Spreckels Sugar Co., 90 Clay St., S. F. **Works**, Spreckels. Granulated sugar and beet pulp.

Western Sugar Refining Co., 90 Clay St., S. F. Refined sugar.

SUIT CASES

Hirschfelder & Meaney, 519 Market St., S. F.

Malm & Co., C. A., Mills Bldg., S. F.

Pacific Trunk and Bag Co., 317 Front St., S. F.

SULPHUR

California Rex Spray Co., Benecia. Sulphur solution, spray and dip.

San Francisco Sulphur Co., 624 California St., S. F. **Factory**, West Berkeley. Flowers of sulphur, refined, ground, powdered sulphur, crude ground powdered sulphur, roll of stick sulphur (refined), refined lump sulphur or "Virgin Rock."

SUPER HEATERS

Simonds Machinery Co., 12 Natoma St., S. F.

SURGICAL INSTRUMENTS—SILVER

Lyons, Arthur W. N., 235 Kearny St., S. F.

SURVEYING INSTRUMENTS

Leitz Co., The A., 632 Commercial St., S. F.

SUSPENDERS

Heineman, H. M., 1655 Bush St., S. F.

SWEEPING COMPOUND

Consolidated Chemical Co., 612 Turk St., S. F.

SWITCHBOARDS

Anderson Electrical Works, 126 Mission St., S. F.

Butte Engineering and Electric Co., 683 Howard St., S. F.

Drendell Electric and Mfg. Co., Mission and Erie Sts., S. F. Switchboards and generator panels, theater central boards, panel boards, knife switches.

Edwards, The James W., Co., 323 Geary St., S. F. Electrical dental switchboards.

Farnsworth Electric Works, 132 Second St., S. F.

Herzog & Dahl, 150 Steuart St., S. F.

Independent Electrical Construction Co., 381 Fulton St., S. F.

Marine Electric Co., 350 Howard St., S. F.

Pacific Electric and Mfg. Co., 80 Tehama St., S. F. Pole top power line switches, oil switches.

Sutton, John G., Co., 229 Minna St., S. F.

Weidenthal-Goslinger Electric Co., 623 Mission St., S. F.

SWITCHES AND FROGS

Pacific Rolling Mill Co., Seventeenth and Mississippi Sts., S. F.

SYRUPS

Cal. Syrup Extract Mfg. Co., Inc., 1168 San Pablo Ave., Oakland. Fruit.

Getz, M., & Co., 135 Main St., S. F.

Gordon Syrup Co., 417 First St., Oakland.

Long Syrup Refining Co., Sixteenth and Division Sts., S. F.

Pacific Coast Syrup Co., 713 Sansome St., S. F.

Sunlit Fruit Co., 2424 Fourth St., West Berkeley.

TABLES

Alameda Wicker Works, 1526 Park St., Alameda. Wicker tables.

Anderson & Bailey, 240 Steuart St., S. F.

Brunswick-Balke-Collender Co., The, 765 Mission St., S. F. Billiard and pool tables.

Friedrichs, H., 2169 Folsom St., S. F.

Haas Woodworking Co., 91 Minna St., S. F.

Ils, John G., & Co., 827 Mission St., S. F. Steam tables.

Iowa Fixture Co., The, 670 McAllister St., S. F.

Jungblut, August, Co., 833 Fillmore St., S. F. Billiard, pool, bagatelle.

Majestic Sheet Metal Works, 1068 McAllister St., S. F. Steam tables.

Mangrum & Otter, Inc., 561 Mission St., S. F. Steam tables.

Millard, J. H., 587 McAllister St., S. F.

Ray, W. S., Manufacturing Co., 26 Steuart St., S. F. Steam tables for hotels and steamships.

Scoville Iron Works, Second and Bush Sts., Oakland. For manufacturing opticians.

Stalder & Hinkelbein, 1553 Polk St., S. F. Steam tables.

Steiger Terra Cotta and Pottery Works, Mills Bldg., S. F. Drainage tables.

Theriens, J. H., Laundry Mach. Man'f., 64 Clementina St., S. F. Laundry.

Western Fixture Co., 1153 Sutter St., S. F.

TACKS (See Nails)

TALLOW AND GREASE

California Glue Works, Merchants Exch. Bldg., S. F.

Cal. Tallow Works., 50 California St., S. F.

Oakland Meat and Packing Co., Sixty-fifth and Bay Sts., Oakland.

Roth, Blum & Co., 50 California St., S. F.

Taaffe, Wm., & Co., Inc., Monadnock Bldg., S. F.

TAMALES AND ENCHILADAS

Elk Tamale and Canning Co., 314 Eleventh St., S. F.

Spanish-American Food Co., 180 Erie St., S. F.

TANNED GOODS (See Leather)

TANNING MATERIALS

Bloom, Samuel, & Sons Co., 2734 Army St., S. F.

TANKS

Amsler Sheet Metal Works, 25 Shotwell St., S. F.

Anderson & Bailey, 240 Steuart St., S. F. Galvanized iron and copper tanks.

Bay City Iron Works, 1243 Harrison St., S. F.

Berkeley Iron Works, West Berkeley. All kinds of stills and jacketed kettles.

Blakeway, John H., 105 Beale St., S. F. Sheet metal.

California Boiler Works, 125 Fremont St., S. F.

California Corrugated Culvert Co., Fifth and Parker Sts., West Berkeley. Corrugated metal.

Carl Cooperage Co., 52 Boardman St., S. F.

Dalziel, The Robert, Jr., Co., 418 Thirteenth St., Oakland. Water and oil tanks.

DeLano Bros, 70 Spear St., S. F. Galvanized iron boat tanks.

Doak Sheet Steel Co., Eighth and Irwin Sts., S. F. Corrugated tanks.

Dundon's Iron Works, 225 Folsom St., S. F. Water and oil tanks, cooking retorts for fish and fruit canners.

- Eureka Boiler Works Co.**, 57 Mission St., S. F. Tanks and asphalt kettles.
- Fenton & Son**, 15 Tehama St., S. F. Galvanized water tanks, gasoline, dairy milk tanks.
- Ferry Sheet Metal Works**, 892 Folsom St., S. F.
- Gladding, McBean & Co.**, Crocker Bldg., S. F. Works, Lincoln, Placer Co. Flush tanks.
- Globe Sheet Metal Works**, 1929 Market St., S. F.
- Harmon, S. H., Lumber Co.**, Fifth and Bryant Sts., S. F. Wooden water, wine making and oil tanks.
- Herbert, Vogel & Marks Co., Inc.**, 367 Seventh St., S. F. Wine, water cyanide.
- Holbrook, Merrill & Stetson**, Sixth and Townsend Sts., S. F. Galvanized iron.
- Iron and Steel Contracting Co., The**, 217 San Bruno Ave., S. F. Oil, water, digesters and rendering tanks.
- Johnson Co., S. T.**, 1334 Mission St., S. F. Oil tanks.
- Jones, J. R. L.**, 1451 Twelfth Ave., Oakland. Tanks for water plants.
- Keystone Boiler Works**, Main and Folsom Sts., S. F. Steel gasoline tanks for garages.
- Mercantile Box Co.**, 231 Berry St., S. F. Wooden.
- Moerison & Bevilockway**, 110 Steuart St., S. F. Ships.
- Moore & Scott Iron Works**, Main and Howard Sts., S. F.
- Moynihan, T. J.**, 401 Folsom St., S. F.
- Ocean Shore Iron Works**, 550 Eighth St., S. F.
- Pacific Coast Boiler Works**, 235 Main St., S. F.
- Pacific Copper Works**, 573 Mission St., S. F. Copper kettles and stills for brewers, canneries and laundries.
- Pacific Tank Co.**, 318 Market St., S. F. Water, oil and mining tanks.
- Petzold, August, & Co.**, 601 Davis St., S. F. Wooden tanks, casks and barrels.
- Pioneer Press and Iron Works, Inc.**, 980 Natoma St., S. F. Heater, storage and roof tanks, oil and rendering tanks, digesters, retorts for fruit.
- Ray, W. S., Manufacturing Co.**, 26 Steuart St., S. F. Oil tanks and drums.
- Richmond Sheet Metal and Plumbing Works**, Richmond. Oil and gasoline.
- Reuter Bros. Boiler and Sheet Metal Works**, 41 West El Dorado St., S. F. Oil, water, cyanide, high pressure hot water tanks.

- Sanders & Co.'s Copper Works**, 304 Howard St., S. F. Copper brewery kettles, stills, etc.
- Shield's, Thos., Sheet Metal Works**, 571 Mission St., S. F.
- Smith, C. W., Copper Works**, 18 Washington St., S. F.
- Smith, Francis, Co.**, 9 Fremont St., S. F. Iron and steel tanks for oil and water.
- United Engineering Works**, 575 Howard St., S. F. Galvanized water, gasoline and boat tanks.
- Windeler, Geo.**, 144 Berry St., S. F. Wooden.
- Witt, G. E., Company, Inc.**, 850 Howard St., S. F. Oil.
- Woerner, David, Cooperage Co.**, Fourteenth and Harrison Sts., S. F. Wine and beer tanks.

TARPAULINS

- Haviside, Withers & Davis**, 34 Steuart St., S. F.
- Nossen, J.**, 68 Clay St., S. F.
- Thoms Awning Co.**, 1209 Mission St., S. F.

TENTS

- Ames-Harris-Neville Co.**, 607 Front St., S. F.
- Dahl-Thoms Awning Co.**, 573 Eighth St., Oakland.
- Haviside, Withers & Davis**, 34 Steuart St., S. F.
- Nossen, J.**, 68 Clay St., S. F.
- Plummer, W. A., Mfg. Co.**, 37 Front St., S. F.
- Prior, John L., Co.**, 114 Main St., S. F.
- Simpson & Fisher**, 118 Howard St., S. F.
- Sun Tent and Awning Co.**, 52 Washington St., S. F.
- Thoms Awning Co.**, 1209 Mission St., S. F.
- Weeks-Howe-Emerson Co.**, 51 Market St., S. F.
- White-Wallace Co., Inc.**, 1252 Webster St., Oakland.

TERRA COTTA

- Clark, N., & Sons**, 17 Spear St., S. F. **Factory**, Alameda.
- Gladding, McBean & Co.**, Crocker Bldg., S. F. **Works**, Lincoln, Placer County.
- Oakland Art Pottery and Terra Cotta Works**, 1125 E. Twelfth St., Oakland. **San Francisco Branch**, Harrison St., Bet. Sixteenth and Seventeenth Sts.
- Steiger Terra Cotta and Pottery Works**, Mills Bldg., S. F. **Works**, So. San Francisco.

TERRAZZO WORK

Musto, Joseph, Sons-Keenan Co., 535 North Point St., S. F.
Sterling Marble Co., 1121 Fell St., S. F.

THEATER TICKETS

Globe Ticket Co., 268 Market St., S. F.

THEATRICAL GOODS

Pfister, J. J., Knitting Co., 739 Market St., S. F.

THEATRICAL STAGE APPLIANCES

Thoms Awning Co., 1209 Mission St., S. F. Iron work and theatrical stage appliances.

THERMAL BOTTLES

American Ever Ready Co., 755 Folsom St., S. F.

THERMOMETERS

Lamont, G. E., 1886 Mission St., S. F.

THREAD

California Cotton Mills Co., East Oakland. Cotton threads and twines of all kinds.

Carlson-Currier Co., 110 Sansome St., S. F. Works, Petaluma. Machine twist, sewing, embroidery, knitting and crochet silks.

TIES (See Railroad Ties)**TILING**

Carnegie Brick and Pottery Co., foot of Madison St., Adams Wharf, Oakland. Factory, Tesla, Alameda Co. Fire and drain tile.

Clark, N., & Sons, 17 Spear St., S. F. Factory, Alameda. Drain, mantle, roof.

Doak Sheet Steel Co., Eighth and Irwin Sts., S. F. Mission and Spanish tile.

Gladding, McBean & Co., Crocker Bldg., S. F. Works, Lincoln, Placer Co. Mantle, drain, fire, roofing, hollow, tile for fireproofing, and building purposes.

San Francisco Cornice Co., Inc., Dove and Bryant Sts., S. F. Spanish and Mission.

Standard Manufacturing Co., 24 Fell St., S. F. Spanish and mission metal tiling.

Steiger Terra Cotta and Pottery Works, Mills Bldg., S. F. **Works**, South San Francisco. Book, ceiling, drain, fire, furring, girder, partition, roofing, vitrified.

Winson Pottery Works, East Twelfth St. and Park Ave., Oakland. Drain tile.

TIN WARE

California Sheet Metal Works, 29 Oak St., S. F. Tin specialties.

Herbst Mfg. Co., 1339 Mission St., S. F.

Holbrook, Merrill & Stetson, Sixth and Townsend Sts., S. F.

Moerison & Bevilockway Co., 110 Steuart St., S. F. Ships.

Montague, W. W., & Co., 563 Market St., S. F.

Pacific Sheet Metal Works, 308 Seventh St., S. F.

Ray, W. S., Manufacturing Co., 26 Steuart St., S. F.

Roth, A. N., Mfg. Co., 1175 Mission St., S. F. Tin plate ware.

Schmidt, Geo. W., Heating and Ventilating Co., 1160 Webster St., Oakland.

Vanni, A., Mason and Bay Sts., S. F.

TIRES

Pacific Harness Co., 186 Twelfth St., Oakland. Automobile leather tires.

TOILET ARTICLES

Consolidated Chemical Co., 612 Turk St., S. F.

Langley & Michael's Co., 50 First St., S. F.

Scott & Gilbert, 45 Ecker St., S. F.

TOOLS

Aerial Machine and Electrical Works, 368 Tenth St., Oakland.

American Tool Works, 109 Mission St., S. F.

Bowen & French, 656 Washington St., Oakland. Tools and farming implements.

Brunig's Machine Works, 516 Brannan St., S. F. Special tools.

California Tool Works, 181 Beale St., S. F. Well boring, sheet metal worker's, post hole augers, planing mill knives, hay cutters, punches, shares, dies.

Chilson Automatic Plow and Traction Mfg. Co., Inc., Commercial Bldg., S. F., **Factory**, Mountain View. Any angle screw drivers.

Conens & Wuesthoff, 706 Bryant St., S. F.

Continental Machine Works, 706 Broadway, Oakland.

Doble, Abner, Company, 411 Howard St., S. F.

Edwards, William, & Co., 111 Fremont St., S. F. Artesian and oil well tools.

Electric Novelty Works, 533 Mission St., S. F.

Falls Mfg. Co., Inc., 360 Fremont St., S. F. Chisels, picks, hooks, hammers, bars, wrenches, knives, hinges, axes, plates.

Gray, J. A., Company, The, Eighteenth and Bryant Sts., S. F. Boiler makers' tools.

Johnson Gear Co., 740 Folsom St., S. F.

Ludeman, A. W., 213 Telegraph Ave., Oakland. Razors, scissors, surgical instruments.

Oakland Machine Works, Seventh and Washington Sts., Oakland. Farmers' tools.

S. F. Saw and Tool Works, 105 Fremont St., S. F.

Schell, M. P., 1759 Union St., S. F.

Standard Tool Machine Works, 1431 Mission St., S. F.

Wilbert, Fred V., 220 Fremont St., S. F. Boiler makers', machinists', stone and brick masons' and carpenters' tools.

TORPEDO BOATS AND TORPEDO BOAT DESTROYERS (See Ship Building)

TOUPEES

Treyer, Theo., 602 California St., S. F.

TOWELS

California Cotton Mills Co., East Oakland. Cotton.

TOWERS

Pacific Tank Co., 318 Market St., S. F.

Pioneer Press and Iron Works, Inc., 980 Natoma St., S. F. Cooling towers.

TRACTION ENGINES

Best Manufacturing Co., San Leandro.

McLaughlin Manufacturing Co., Fifth and Schneider Sts., West Berkeley.
High power steam traction engines, steam traction plowing outfits,
steam traction freighting outfits, traction lumber and logging trucks.

TRAMWAYS

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works**, Sunnyvale,
Santa Clara Co.

TRAPS—STEEL, WIRE, CLAMP

Falls Mfg. Co., 360 Fremont St., S. F.

TRICYCLE CHAIRS

Eames Tricycle Co., 1714 Market St., S. F.

TRIMMING—FANCY

Stewarts, 128 Eddy St., S. F.

TRANSFERS—STREET CARS

Pacific Manifold Book Co., Emeryville, Cal.

TRAMWAYS—WIRE ROPE

Vulcan Iron Works, 604 Mission St., S. F.

TRANSFORMERS

Farnsworth Electrical Works, 132 Second St., S. F.

TRAYS

Schneidwind Mfg. Co., 299 Chenery St., S. F. Jewelers', stationery, drug and cutlery trays.

TREE SPRAYS

Rogers, R. R., Chemical Co., 527 Commercial St., S. F.

TROLLEYS

Oakland Traction Co., 708 San Pablo Ave., Oakland.

TRUNKS, BAGS, CASES

Coulter's Rattan Works, 1151 Sutter St., S. F. Rattan.

Harband Bros., 933 Mission St., S. F.

Hirschfelder & Meaney, 519 Market St., S. F.

Malm, C. A., & Co., 266 Bush St., S. F.

Pacific Coast Rattan Co., Market St. and Marshall Square, S. F. **Factory**, Eighth and Clay Sts., Oakland. Rattan trunks.

Pacific Trunk and Bag Co., 317 Front St., S. F. Leather, imitation leather, fibre and rattan.

TRUSSES, BRACES, SUPPORTERS

Hittenberger, H. H., 439 San Pablo Ave., Oakland.

Pacific Truss Co., 520 Eighth St., Oakland. Trusses, elastic stockings, shoulder braces, supporters, and apparatus for deformities.

TUBS—ICE CREAM AND HOUSEPLANT

(See Tanks)

TURBINES

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. Works, Sunnyvale, Santa Clara Co.

Pelton Water Wheel Co., The, Monadnock Bldg., S. F.

TURN TABLES

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. Works, Sunnyvale, Santa Clara Co.

Phoenix Iron Works, Second and Castro Sts., Oakland. Roller turn tables for rock quarry cars.

TYPE

American Type Founders Co., 820 Mission St., S. F.

TYPE FOUNDRIES

American Type Founders Co., 820 Mission St., S. F.

Keystone Type Foundry of California, 638 Mission St., S. F. Paragon steel chases, side and foot sticks, and bearers. Brass rules, circles, ovals, diamonds, dashes, brass round, square and brazed corners.

TYPEWRITER RIBBONS

Ault & Wiborg Co., The, 545 Mission St., S. F.

Bushnell Manufacturing Co., 110 Bush St., S. F.

TYPEWRITER MATS

Revalk, R. E., & Co., 432 Market St., S. F.

UNDERTAKERS' SUPPLIES (See Burial Materials)**UNDERWEAR**

Acme Knitting Co., Inc., 115 Natoma St., S. F. Men's.

California Blanket and Flannel Mills, 760 Mission St., S. F. Flannel underwear.

Fleischman, M. R., & Co., 124 Pine St., S. F. Ladies' muslin and flannel-ette.

Gantner & Mattern, Grant Ave. and Post St., S. F. Silk, wool, merino, linen, cotton, lisle, ramie.

Henry Bros., 772 Pacific St., S. F. Gents' underwear.

Magnin, I., & Co., Grant Ave. and Geary St., S. F. Muslin.

Newbauer Bros., 37 Battery St., S. F. Ladies' muslin.

Neustadter Bros., 461 Mission St., S. F. Athletic flannel.

Pfister, J. J., Knitting Co., 739 Market St., S. F. **Factory,** West Berkeley.

Men's and women's of wool, silk, linen, lisle, cotton.

Reynolds, G. W., 311 Battery St., S. F. Muslin and flannel.

Ulman, Seeligsohn & Brown, 149 New Montgomery St., S. F. Athletic underwear.

UNIFORMS

American Woolen Mills Tailoring Co., 109 New Montgomery St., S. F.

Easton, D. A., & Co., 117 Grant Ave., S. F.

Gantner & Mattern Co., Grant Ave. and Post St., S. F. Athletic.

Pasquale, B., Co., 115 Post St., S. F.

Smith, Cassidy & Co., 594 Mission St., S. F.

UPHOLSTERY

Cal. Upholstering Co., 821 Mission St., S. F.

Cleese, John P., Company, Inc., Eighteenth and York Sts., S. F.

Continental Bedding Mfg. Co., 1636 Bryant St., S. F.

Crescent Feather Co., Inc., Nineteenth and Harrison Sts., S. F.

Fredericks, Jos., & Co., 819 Ellis St., S. F.

Klopstock Bros., 3320 Eighteenth St., S. F.

Lachman Bros., 2019 Mission St., S. F.

Lavenson-Schleuter Company, 227 Post St., S. F.

Phelps, F. O., 1813 Devisadero St., S. F.

Schastey & Vollmer, 1913 Van Ness Ave., S. F.

VACUUM CLEANERS

Vacuum Specialty Mfg. Co., 238 Sacramento St., S. F. Portable vacuum cleaners.

VACUUM PANS

Pacific Copper Works, 573 Mission St., S. F. Copper vacuum pans or evaporators for condensed milk, glue and sugar.

Sanders & Co.'s Copper Works, 304 Howard St., S. F. Copper vacuum pans for sugar, glue, creameries.

VALVES

American Faucet Co., Inc., 827 Folsom St., S. F. Safety.

American Rubber Mfg. Co., 112 Market St., S. F. **Factory,** Emeryville. Rubber.

- Garratt, W. T., & Co.**, 138 Fremont St., S. F. Gas, air, water.
- Golden West Pump Co.**, 311 Harriet St., S. F. Check, foot and flap valves.
- Gorham Rubber Co.**, 50 Fremont St., S. F. Rubber.
- Greenberg's, M., Sons**, 225 Beale St., S. F. Iron valves.
- Hendy, Joshua, Iron Works**, 75 Fremont St., S. F. **Works**, Sunnyvale, Santa Clara Co.
- Jackson, Byron, Iron Works, Inc.**, 351 Market St., S. F. **Factory**, Berkeley. Check, foot and discharge valves.
- Kingwell, L.**, 1038 Mission St., S. F.
- Krogh Manufacturing Co.**, 147 Beale St., S. F. Valves of flanged fittings.
- Main Street Iron Works**, 163 Main St., S. F. Special valves and fittings.
- Parsons & Blackmon Machine Co.**, 311 Harriet St., S. F. Check, foot and flap.
- Pelton Water Wheel Co., The**, Monadnock Bldg., S. F. Gate, relief and air valves.
- Price, G. W., Pump and Engine Co.**, 33 Stevenson St., S. F.
- Risdon Iron and Locomotive Works, The**, First and Market Sts., S. F. Gate valves, bronze and iron.
- Standard Brass Casting Co.**, 665 Franklin St., Oakland.
- Staples & Pfeiffer**, 102 Steuart St., S. F. Oil relief valves.
- United Iron Works**, Second and Jefferson Sts., Oakland. Check, foot valves.
- Weissbaum, G., & Co.**, 133 Eleventh St., S. F. Special valves.
- Witt, G. E., Co., Inc.**, 850 Howard St., S. F. Relief, safety, oil, reducing.

VARNISHES AND SHELLACS

- Berry Bros., Ltd.**, 666 Howard St., S. F.
- Bushwell Paint Co.**, 902 Broadway, Oakland.
- Federal Paint Co.**, Metropolis Bank Bldg., S. F.
- Fuller, W. P., & Co.**, Mission and Beale Sts., S. F.
- McKinley-Perkins Co.**, Seventeenth and Campbell Sts., Oakland.
- Nason, R. N., & Co.**, 151 Potrero Ave., S. F.
- S. F. Pioneer Varnish Works**, 816 Mission St., S. F. Varnishes and lacquers.
- Sterling Paint Co.**, 118 First St., S. F. 45 Hannah St., Oakland.
- Tamm & Nolan Co.**, 151 Potrero Ave., S. F.
- Worden-Meeker Co.**, 1230 Market St., S. F. **Factory**, Oak and Blanding Sts., Alameda.
- Yates & Co.**, 762 Folsom St., S. F.

VASES, URNS, JARDINIERES

Clark, N., & Sons, 17 Spear St., S. F. **Factory**, Alameda.

Oakland Art Pottery and Terra Cotta Works, 1125 E. Twelfth St., Oakland. **San Francisco Branch**, Harrison St., Bet. Sixteenth and Seventeenth Sts.

Steiger Terra Cotta and Pottery Works, Mills Bldg., S. F. **Works**, South San Francisco.

VAULT LININGS

Kauson Iron Works, 6420 San Pablo Ave., Oakland.

Parcells Safe Co., 577 Market St., S. F. Linings and doors.

Western Iron Works, 141 Beale St., S. F.

VAULTS (See Safes)**VEHICLES**

Broadway Carriage Factory, 1458 Broadway, S. F.

Brosnahan, C. H., Twelfth and Madison Sts., Oakland.

Brown Bros., 402 Third St., San Mateo.

Cal. Carriage Works, 758 Franklin St., Oakland.

Chabot, J., & Son., 812 E. Fourteenth St., Oakland.

City Front Wagon Works, 550 Webster St., Oakland.

Cooper, T. J., 567 Seventh St., S. F.

Demartini, F. J., Co., 331 Bay St., S. F.

Fyre, H. P., 126 Telegraph Ave., Oakland.

Gheffoli, B., & Co., 107 Washington St., S. F.

Grave, B., Co., 732 Brannan St., S. F.

Guido, A., & Co., 458 Third St., Oakland.

Hamelin, Wm., Third and Washington Sts., Oakland.

Holmes, H. E., & Co., 744 Folsom St., S. F.

Kiel Evans Co., Fourth and Franklin Sts., Oakland.

Kleiber & Co., 1504 Folsom St., S. F.

Larkins & Co., 276 Guerrero St., S. F.

Modern Vehicle Mfg. and Repair Co., 314 Main St., S. F.

Murasky, W. F., 45 Duboce Ave., S. F.

Neumiller, J. & G., 125 Fell St., S. F.

Northey, V. S., & Co., Carriage Mfg. Co., Sixteenth Ave. and E. Twelfth St., Oakland.

Pacific Carriage Co., 23 Dolores St., S. F.

Pierotti, Joseph, & Sons, Inc., Third and Franklin Sts., Oakland.

Regan & Schlappi, 459 Eleventh St., S. F.

Schindler, Henry B., Co., 174 Spear St., S. F.

Siebt, Gus, 910 Market St., Oakland.

Sohst Carriage Co., Eighth and Franklin Sts., Oakland. Auto bodies.

Thompson Carriage Mfg., 3011 Mission St., S. F.

Thompson-Graf-Edler Co., 30 Duboce Ave., S. F. Vehicle bodies.

Vallejo Carriage Works, Inc., 739 Marin St., Vallejo.

Vetler, Aug., & Son, Fifteenth St. and Potrero Ave., S. F.

Waterhouse & Lester Co., 534 Howard St., S. F.

Wertsch, William, Company, 24 Page St., S. F.

veneers—hardwood

Dieckmann Hardwood Co., 244 California St., S. F. Mahogany, primavera, Spanish cedar, genisaro, oak and koa.

Niehaus & Co., Inc., Edw. F., 564 Brannan St., S. F. Mahogany, oak, Spanish cedar, koa, genisaro.

White Bros., Spear and Howard Sts., S. F. **Mills,** Petaluma, Alameda, Oregon pine, oak, mahogany, maple, elm, basswood, Spanish cedar, genisaro, primavera, koa, African and Philippine mahogany.

ventilators

Anderson & Bailey, 240 Steuart St., S. F.

California Sheet Metal Works, 229 Oak St., S. F. Prism light ventilators.

Cronan's Eagle Cornice Works, 336 Guerrero St., S. F.

Fenton & Son., 15 Tehama St., S. F.

Ferry Sheet Metal Works, 892 Folsom St., S. F.

Jackson, P. H., & Co., 225 First St., S. F. Basement ventilators, ventilating carriage blocks and hitching posts.

Korell, J. A., 783 Haight St., S. F.

Majestic Sheet Metal Works, 1068 McAllister St., S. F.

Roth, A. N., Mfg. Co., 1175 Mission St., S. F.

Shields, Thos., Sheet Metal Works, 571 Mission St., S. F.

vermouth

Italian-Swiss Colony, Battery and Greenwich Sts., S. F. Plants, Asti, Madera, Cloverdale, Lemoore, Sebastopol, Fulton, Kingsburg.

vinegar—distilled

Consumers Yeast and Vinegar Works Co., 600 Grove St., S. F. Factory, Oakland.

Golden Gate Compressed Yeast Co., 26 Mint Ave., S. F.

Pacific Preserve Co., 849 Howard St., S. F.

Western Yeast and Vinegar Works, 408 Eleventh St., S. F.

VULCAN BLACK

Clinch, C. G., 156 King St., S. F. For boiler fronts.

VULCANIZERS

Independent Electrical Construction Co., 381 Fulton St., S. F. For vulcanizing rubber.

WAGON MAKERS' SPECIALTIES

North Machine Co., 324 Main St., S. F.

WAGON TOPS, FRAMES AND COVERS (See Auto Tops)

WAGONS (See Vehicles)

WAISTS

Marks, H., 121 Geary St., S. F.

Neubauer Bros., 37 Battery St., S. F.

Shirek, Carl & Co., Phelan Bldg., S. F.

Winder-Sachs Co., The, 136 Pine St., S. F.

WALL BED LEGS

Western Brass and Plating Works, 174 Minna St., S. F. Brass and iron wall bed legs.

WALL FINISH (See Paint)

WASH BOILERS

Herbst Mfg. Co., 1939 Mission St., S. F. Tin, galvanized and copper.

Mamlar, N., 232 Perry St., S. F.

WASHERS

Bowers Rubber Works, 68 Sacramento St., S. F. Rubber.

California Belting and Supply Co., 1425 Mission St., S. F. Leather.

Graton & Knight Mfg. Co., The, 30 Fremont St., S. F. Leather.

Judson Manufacturing Co., 819 Folsom St., S. F.

Kelly-Linehan Belting Co., 2192 Folsom St., S. F. Brewery.

Payne's Bolt Works, 133 Howard St., S. F.

WASHING MACHINES

Boesch Lamp Co., 1135 Mission St., S. F.

Peerless Mfg. Co., 1185 E. Fourteenth St., Oakland.

WASHING POWDER

Consolidated Chemical Co., 612 Turk St., S. F.

Lucy, G. R., & Co., 100 San Bruno Ave., S. F.

Peet Bros. Mfg. Co., 628 Third St., S. F.

WATER BAGS (See Bags)

WATER—DISTILLED

Consumers Ice Company, 436 Eighth St., S. F.

Merchants Ice and Cold Storage Co., Lombard and Sansome Sts., S. F.

National Ice and Cold Storage Co., 268 Market St., S. F.

Pacific Ice and Cold Storage Co., 268 Market St., S. F.

WATER HEATERS

American Faucet Co., Inc., 827 Folsom St., S. F. Electric.

Electric Manufacturing Co., Inc., 424 Third St., S. F. Electric.

Hart Heater Co., The, 525 Seventh St., Oakland.

Main Street Iron Works, 163 Main St., S. F. Feed water heaters.

Wood, John, Mfg. Co., 86 Turk St., S. F. **Factory**, 741 Cypress St., Oakland. Gas water heaters and combination boiler and gas water heaters.

WATER MOTORS

Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works**, Sunnyvale, Santa Clara Co.

Pelton Water Wheel Co., The, Monadnock Bldg., S. F.

Risdon Iron and Locomotive Works, First and Market Sts., S. F.

Union Iron Works Company, Twentieth and Michigan Sts., S. F.

United Iron Works, Second and Jefferson Sts., Oakland.

WATER PLANT EQUIPMENT

Jones, J. R. L., 1451 Twelfth Ave., Oakland. Tanks, windmills, wood and steel towers.

WATER WHEEL HOUSINGS

Pioneer Press and Iron Works, Inc., 980 Natoma St., S. F.

WATER WHEELS

- Doble, Abner, Company**, 411 Howard St., S. F. Impulse water wheels.
Hendy, Joshua, Iron Works, 75 Fremont St., S. F. **Works**, Sunnyvale, Santa Clara Co.
Pelton Water Wheel Co., The, Monadnock Bldg., S. F. Impulse water wheels.
Risdon Iron and Locomotive Works, The, First and Market Sts., S. F. Tangential water wheels.
United Iron Works, Second and Jefferson Sts., Oakland.

WATER WORKS SUPPLIES

- Garratt, W. T., & Co.**, 138 Fremont St., S. F.

WAX FIGURES

- Bianchini, L.**, 515 Market St., S. F.
Feintuch Display Fixture Co., 134 Sansome St., S. F.

WELDING (See Autogenous Welding)

WELL . CASINGS

- Dalziel, Robert, Jr., Co., The**, 418 Thirteenth St., Oakland.

WHEELBARROWS

- Stern Iron Works**, 141 Beale St., S. F.

WHEELS, RIMS, SPOKES

- Hendy, Joshua, Iron Works**, 75 Fremont St., S. F. **Works**, Sunnyvale, Santa Clara Co.
Kennedy Manufacturing Co., 531 Valencia St., S. F.
McCormick Bros. Iron Works, Main and Folsom Sts., S. F. Car wheels.
Thomson-Graf-Edler Co., 30 Duboce Ave., S. F.
Waterhouse & Lester Co., 534 Howard St., S. F. **Factory**, Oakland.

WHIP LASHES

- Johnson, F. S., Company**, 570 Howard St., S. F.

WHIPS

- Grubb, R. P.**, 155 Second St., S. F.

WHISKEY

- Pfaeffel, Eugene, & Co.**, 2049 Fifteenth St., S. F. Bourbon, rye.

WHITE LEAD

Clinch, C. G., & Co., 156 King St., S. F.

Fuller, W. P., & Co., Mission and Beale Sts., S. F.

National Lead Co. of California, Merchants Exch. Bldg., S. F. **Factory,**
Selby. White lead in oil and white lead dry.

Sunset White Lead Works, Nineteenth and Alabama Sts., S. F.

WHITING (See Paint)**WICKER WARE**

Alameda Wicker Works, 1526 Park St., Alameda. Go-carts, carriages,
baby carriages, chairs, baskets, cribs, tables, couches.

WICKING—COTTON

California Cotton Mills Co., East Oakland.

WIGS

Goldstein, A., 145 Grant Ave., S. F.

Strozynski, S., Co., 216 Stockton St., S. F.

Treyer, Theo., 602 California St., S. F.

WILLOW WARE (See Rattan Goods)**WINCHES AND DERRICKS**

Christie Machine Works, 193 Fremont St., S. F. Winches.

Pacific Foundry Co., Eighteenth and Harrison Sts., S. F.

Risdon Iron and Locomotive Works, The, First and Market Sts., S. F.
Cargo winches.

WINDLASSES

Risdon Iron and Locomotive Works, The, First and Market Sts., S. F.
Anchor.

WINDMILLS

Jones, J. R. L., 1451 Twelfth Ave., Oakland.

WINDOWS

Dean Reversible Window Co., Inc., 551 Brannan St., S. F. Reversible
and plain sashes.

WINDOW SHADES

Beutler & Beardmore, 1758 Ellis St., S. F.

Hulse-Bradford Co., 986 Mission St., S. F.

Lavenson-Schleuter Company, 227 Post St., S. F.

Pacific Window Shade Mfg. Co., 808 E. Fifteenth St., Oakland.

Reliable Shade Company, 2079 Mission St., S. F.

San Francisco Window Shade Co., 1670 Eddy St., S. F.

Sloane, W. & J., 216 Sutter St., S. F.

Walcom, Geo., 1131 Sutter St., S. F.

WINDOW SHADE CLOTH (See Cloth)

WINDOW WEIGHTS (See Sash Weights)

WIND SHIELDS

American Faucet Co., Inc., 827 Folsom St., S. F. Automatic friction automobile wind shields.

Champion Wind Shield Mfg. Co., 512 Turk St., S. F. Automobile wind shields.

WINES

Arnold, B., & Co., Inc., Townsend and Stanford Sts., S. F. **Winery and Distillery**, Rutherford, Napa Co., and Stockton.

California Wine Association, 180 Townsend St., S. F. **Winery**, Winehaven, City of Richmond.

Crown Distilleries Co., 29 Minna St., S. F. **Winery**, Livermore.

Gundlach-Bundschu Wine Company, 20 California St., S. F. **Winery**, Sonoma.

Italian-Swiss Colony, Battery and Greenwich Sts., S. F. **Wineries**, Madera, Lemoore, Sebastopol, Asti, Fulton, Cloverdale, and Kingsburg.

Lachman & Jacobi, 706 Sansome St., S. F. **Winery**, Petaluma.

Napa and Sonoma Wine Co., 112 Tenth St., S. F. **Winery**, Livermore.

Piedmont Winery, Richmond.

Schlessinger & Bender, Inc., Harrison and Mariposa Sts., S. F.

Sutter Home Wine and Distillery Co., 319 Front St., S. F. **Winery**, St. Helena.

Swiss-American Wine Co., Vallejo and Front Sts., S. F. **Winery**, Santa Rosa.

Wetmore-Bowen Co., 42 Davis St., S. F. **Winery**, Livermore.

WIRELESS APPARATUS

Baker, M. C., & Son, 61 Second St., S. F.

WIRE FENCES

American Steel and Wire Co., Sixteenth and Folsom Sts., S. F. Worm wire field and hog fence, wire lawn fence, wire poultry fence, fence gates and posts.

California Artistic Metal and Wire Company, 349 Seventh St., S. F.

Oakland Wire Works, 1008 Franklin St., Oakland.

Standard Fencing Co., 151 Twelfth St., Oakland.

West Coast Wire and Iron Works, 748 Folsom St., S. F.

WIRE HAT FRAMES

California Hat Co., 280 Minna St., S. F.

Fraser Wire and Stamping Co., 115 Natoma St., S. F.

McDowell Co., Twenty-first and Brush Sts., Oakland.

WIRE—MISCELLANEOUS

American Steel and Wire Co., Sixteenth and Folsom Sts., S. F. Wire staples, bale ties, rope fittings, rope blocks.

California Wire Cloth Co., 408 Mission St., S. F. **Factory**, foot of Twenty-second Ave., Oakland. Riddles, lathing, netting and cloth.

Standard Underground Cable Co., First National Bank Bldg., S. F. **Factory**, First and Linden Sts., Oakland. Wire and cables for electrical use.

WIRE NETTING AND CLOTH

California Artistic Metal and Wire Company, 349 Seventh St., S. F.

California Wire Cloth Co., 408 Mission St., S. F. **Factory**, foot of Twenty-second Ave., Oakland. Poultry netting, brass, iron and galvanized wire cloth, galvanized window screen cloth, bronze wire cloth, wire lathing, steel battery cloth, mining cloth.

Haviseide, Withers & Davis, 34 Steuart St., S. F. Wire net slings.

West Coast Wire and Iron Works, 748 Folsom St., S. F. Wire, steel, brass, copper, heavy special mining cloth.

WIRE WORK

Acme Iron and Brass Works, 485 Sixth St., S. F.

Keystone Ornamental Iron and Bronze Works, 350 Tenth St., S. F.

Marine Electric Co., 350 Howard St., S. F. Wire panels, doors, boat rails, etc.

Oakland Wire Works, 1008 Franklin St., Oakland.

Standard Iron Works, 662 Seventh St., S. F.

West Coast Wire and Iron Works, 748 Folsom St., S. F.

WOOD CARVING

Cal. Wood Turning Works, 610 Second St., Oakland.

Grossier, W. F., 718 Bryant St., S. F. Architectural woodcarver and modeler.

Stevenson & Co., 1517 Pine St., S. F.

Wissing, F. W., 452 Fulton St., S. F. Hand and machine.

WOOD PARTITIONS

Union Blind and Ladder Co., 2243 Peralta St., Oakland. Rolling wood partitions.

WOOD RAISED LETTERS

Cal. Grille Works, 1273 Mission St., S. F.

WOOD TURNING, SHAPING, ETC.

Advance Mill Co., 623 Bryant St., S. F. Band sawing, turning.

Cal. Grille Works, 1273 Mission St., S. F. Wood turning, band and scroll sawing.

Cal. Wood Turning Works, 610 Second St., Oakland.

Harbor Planing Mill, foot of Fourth Ave., Oakland.

Henderson Manufacturing Co., 710 E. Twelfth St., Oakland.

Meek, T. H., 1165 Mission St., S. F.

WOODWORK FOR ELECTRICIANS.

Haas Woodworking Co., 91 Minna St., S. F. Bases, boxes and blocks.

WOOL

Corder, Thos. W., foot of Sixty-sixth St., Oakland.

WOOL—PULLED

Legallet-Hellwig Tanning Co., Sixth Ave. So., between P and O Sts., S. F.

Levy, Isaac, 1412 Bush St., S. F.

Norton Tanning Co., The, 316 Clay St., S. F.

Taaffe, Wm., & Co., Inc., Monadnock Bldg., S. F.

WRENCHES

Peterson Rapid Wrench Co., 44 Natoma St., S. F.

WROUGHT IRON WORK

Collosu's Metal Works, 1370 Broadway, Oakland.

Todt & Peters, 322 Main St., S. F. Fences, gates, pipe railings, fire escapes, butcher racks, sidewalk gratings.

X-RAY TUBES

Lamont, G. E., 1886 Mission St., S. F.

YARN

California Cotton Mills Co., East Oakland. Cotton mop.

YEAST

Consumers Yeast and Vinegar Co., 690 Grove St., S. F. Factory, 1372 Fifth St., Oakland.

Golden Gate Compressed Yeast Co., 25 Mint Ave., S. F.

Western Yeast and Vinegar Works, 408 Eleventh St., S. F.

ZINCOGRAPHS (See Half Tone Engraving)**ZINCS—GRAVITY**

Pacific Metal Works, 153 First St., S. F.

ZINC WORK

LaHaye Mfg. Co., 298 Eleventh St., S. F. Sheet zinc work.

Standard Manufacturing Co., 24 Fell St., S. F. Stamped ornamental zinc work. Spun zinc.

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